

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136331.D
 Acq On : 01 Dec 2023 11:36
 Operator : CG\JU
 Sample : PB157389BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BS

Quant Time: Dec 01 13:15:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 12/05/2023

Supervised By :mohammad
 ahmed
 12/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	141142	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	628744	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	323918	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	581043	20.000	ng	0.00
76) Chrysene-d12	13.992	240	262829	20.000	ng	0.00
86) Perylene-d12	15.474	264	264176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1177387	116.106	ng	0.02
7) Phenol-d6	6.451	99	1430421	112.814	ng	0.00
23) Nitrobenzene-d5	7.375	82	873121	73.382	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	456027	115.153	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1825558	71.987	ng	0.00
79) Terphenyl-d14	12.933	244	1711238	75.102	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	119746	31.209	ng	97
3) Pyridine	3.446	79	299985	31.672	ng	94
4) n-Nitrosodimethylamine	3.410	42	172893	36.111	ng	89
6) Aniline	6.475	93	380970	31.789	ng	98
8) 2-Chlorophenol	6.598	128	458897	41.561	ng	93
9) Benzaldehyde	6.363	77	21701	3.071	ng	91
10) Phenol	6.463	94	539603	39.668	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	405218	40.606	ng	96
12) 1,3-Dichlorobenzene	6.751	146	470379	37.539	ng	100
13) 1,4-Dichlorobenzene	6.828	146	491505	38.585	ng	98
14) 1,2-Dichlorobenzene	6.975	146	461014	38.229	ng	96
15) Benzyl Alcohol	6.957	79	366038	41.175	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	546564	39.431	ng	96
17) 2-Methylphenol	7.063	107	351766	40.523	ng	97
18) Hexachloroethane	7.316	117	167858	37.568	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	301195	39.718	ng	95
20) 3+4-Methylphenols	7.216	107	446493	39.577	ng	95
22) Acetophenone	7.216	105	630922	38.208	ng	# 96
24) Nitrobenzene	7.392	77	450116	37.331	ng	95
25) Isophorone	7.628	82	832388	38.798	ng	97
26) 2-Nitrophenol	7.704	139	232544	45.265	ng	99
27) 2,4-Dimethylphenol	7.745	122	362263	53.574	ng	95
28) bis(2-Chloroethoxy)met...	7.839	93	519680	40.046	ng	98
29) 2,4-Dichlorophenol	7.945	162	376431	41.272	ng	95
30) 1,2,4-Trichlorobenzene	8.028	180	419273	37.547	ng	97
31) Naphthalene	8.110	128	1348276	38.151	ng	98
32) Benzoic acid	7.881	122	278135	45.132	ng	99
33) 4-Chloroaniline	8.157	127	293144	24.403	ng	99
34) Hexachlorobutadiene	8.222	225	237691	36.384	ng	98
35) Caprolactam	8.539	113	109631m	42.998	ng	
36) 4-Chloro-3-methylphenol	8.645	107	396644	40.098	ng	97
37) 2-Methylnaphthalene	8.798	142	857419	38.677	ng	97
38) 1-Methylnaphthalene	8.898	142	806840	37.309	ng	95
40) 1,2,4,5-Tetrachloroben...	8.969	216	405590	39.344	ng	99
41) Hexachlorocyclopentadiene	8.951	237	400515	100.971	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	270808	40.473	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136331.D
 Acq On : 01 Dec 2023 11:36
 Operator : CG\JU
 Sample : PB157389BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 12/05/2023

Supervised By :mohammad
 ahmed
 12/05/2023

Quant Time: Dec 01 13:15:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.128	196	288468	39.506	ng	96	12/05/2023
46) 1,1'-Biphenyl	9.269	154	1113427	38.979	ng	98	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.292	162	843124	38.008	ng	98	
48) 2-Nitroaniline	9.392	65	237511	41.010	ng	86	
49) Acenaphthylene	9.710	152	1301278	41.106	ng	99	
50) Dimethylphthalate	9.575	163	986134	40.279	ng	99	
51) 2,6-Dinitrotoluene	9.639	165	206730	41.333	ng	# 85	12/05/2023
52) Acenaphthene	9.880	154	769084	38.444	ng	99	
53) 3-Nitroaniline	9.804	138	161635	32.570	ng	98	
54) 2,4-Dinitrophenol	9.916	184	211573	90.954	ng	93	
55) Dibenzofuran	10.057	168	1159230	38.941	ng	98	
56) 4-Nitrophenol	9.975	139	290144	76.978	ng	91	
57) 2,4-Dinitrotoluene	10.045	165	272719	40.820	ng	98	
58) Fluorene	10.398	166	898970	38.500	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.175	232	238895	41.119	ng	97	
60) Diethylphthalate	10.280	149	949064	38.753	ng	97	
61) 4-Chlorophenyl-phenyle...	10.392	204	433887	38.263	ng	98	
62) 4-Nitroaniline	10.422	138	181941	37.454	ng	95	
63) Azobenzene	10.551	77	856950	37.744	ng	98	
65) 4,6-Dinitro-2-methylph...	10.451	198	136454	42.945	ng	96	
66) n-Nitrosodiphenylamine	10.516	169	788012	42.320	ng	99	
67) 4-Bromophenyl-phenylether	10.880	248	281790	41.569	ng	99	
68) Hexachlorobenzene	10.945	284	313673	39.981	ng	# 93	
69) Atrazine	11.045	200	224679	40.676	ng	97	
70) Pentachlorophenol	11.145	266	289577	65.297	ng	98	
71) Phenanthrene	11.363	178	1335558	40.896	ng	99	
72) Anthracene	11.416	178	1328606	40.569	ng	98	
73) Carbazole	11.575	167	1067365	38.321	ng	99	
74) Di-n-butylphthalate	11.904	149	1389238	39.862	ng	98	
75) Fluoranthene	12.557	202	1180051	35.594	ng	97	
77) Benzidine	12.680	184	101545	23.503	ng	99	
78) Pyrene	12.786	202	1153589	40.077	ng	98	
80) Butylbenzylphthalate	13.410	149	381391	42.574	ng	97	
81) Benzo(a)anthracene	13.980	228	777232	39.813	ng	98	
82) 3,3'-Dichlorobenzidine	13.945	252	213123	45.352	ng	96	
83) Chrysene	14.016	228	742594	39.396	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.980	149	465364	43.285	ng	# 98	
85) Di-n-octyl phthalate	14.598	149	831722	47.672	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.992	276	850741	43.357	ng	99	
88) Benzo(b)fluoranthene	15.039	252	791253	42.692	ng	99	
89) Benzo(k)fluoranthene	15.068	252	687909	39.079	ng	98	
90) Benzo(a)pyrene	15.415	252	655362	43.255	ng	98	
91) Dibenzo(a,h)anthracene	17.015	278	704865	44.674	ng	99	
92) Benzo(g,h,i)perylene	17.451	276	681993	43.086	ng	99	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136331.D
Acq On : 01 Dec 2023 11:36
Operator : CG\JU
Sample : PB157389BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

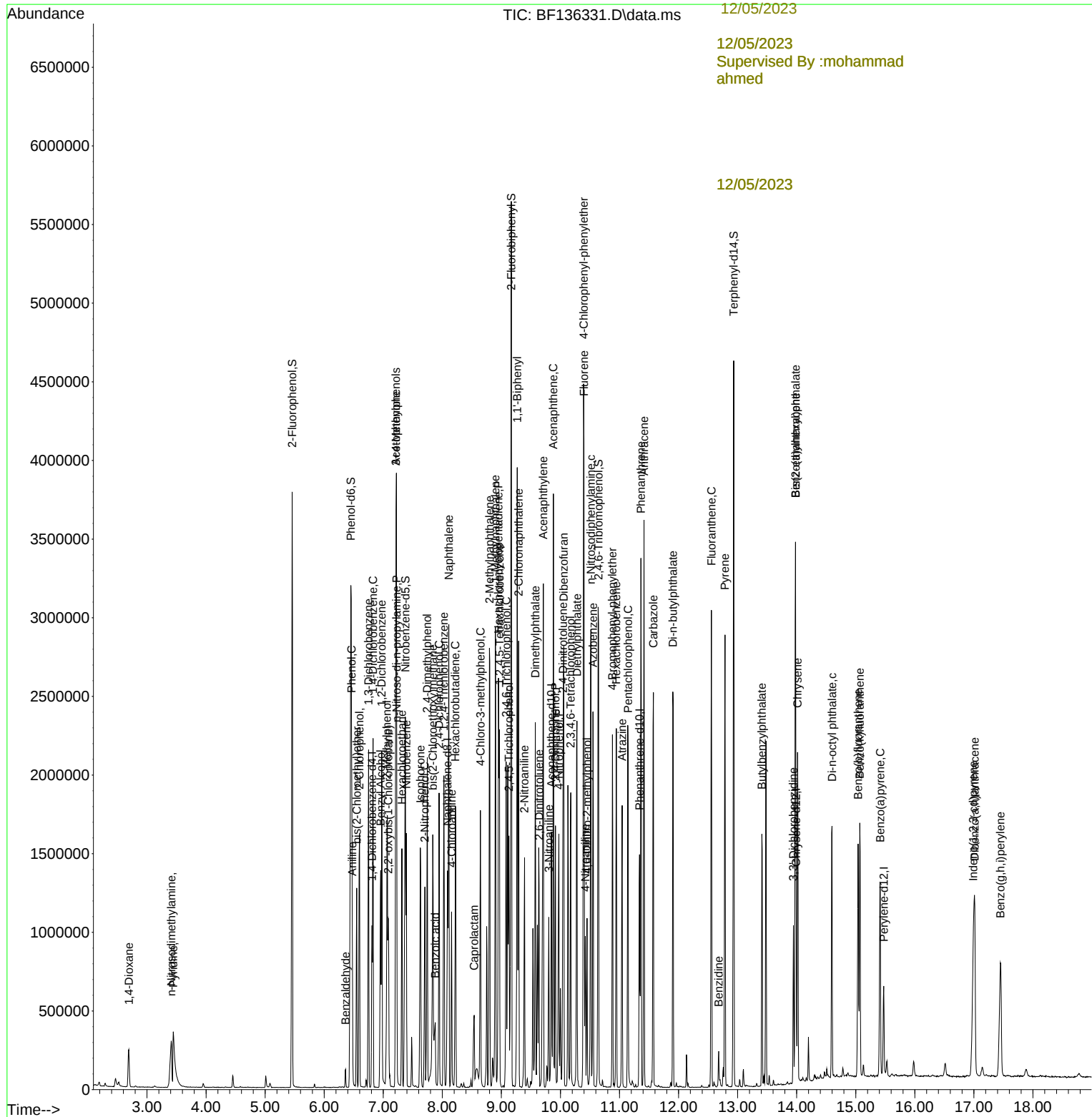
ahmed

12/05/2023

12/05/2023

Supervised By :mohammad

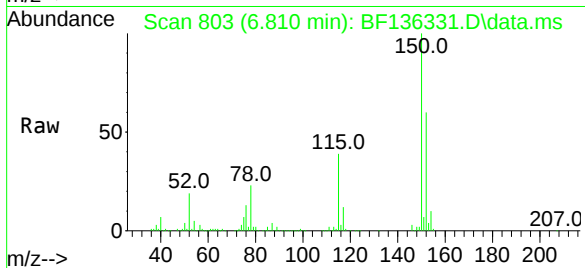
ahmed





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



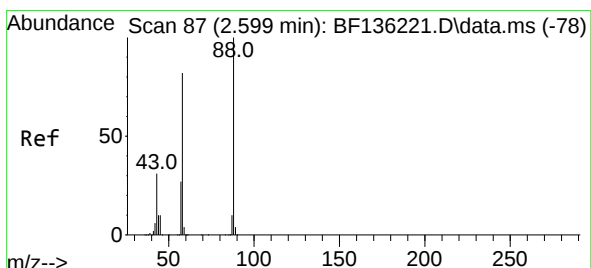
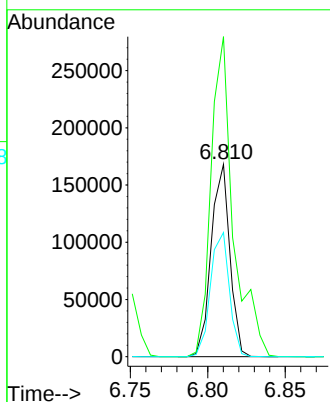
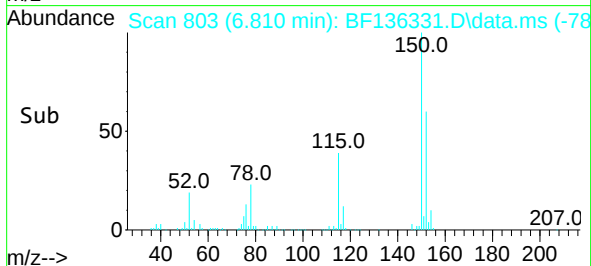
Tgt Ion: 152 Resp: 14114
Ion Ratio Lower Upper
152 100
150 166.3 137.8 206.8
115 64.5 52.7 79.1

Manual Integrations
APPROVED

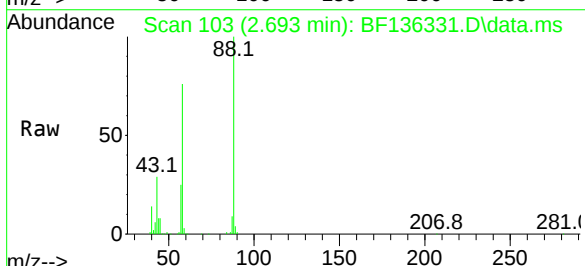
Reviewed By :Yogesh
Patel
12/05/2023

Supervised By :mohammad
ahmed
12/05/2023

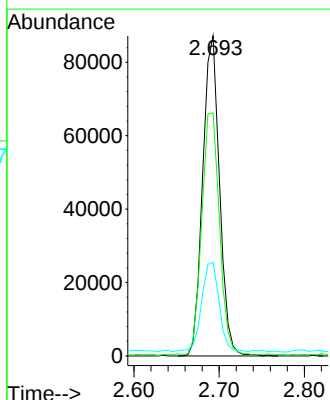
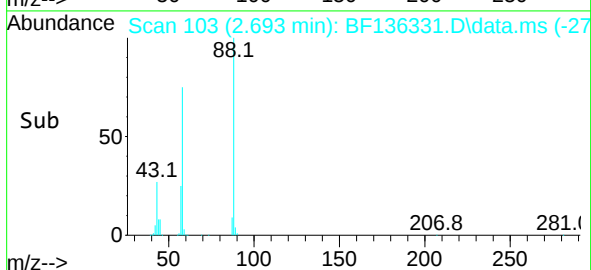
12/05/2023
Supervised By :mohammad
ahmed

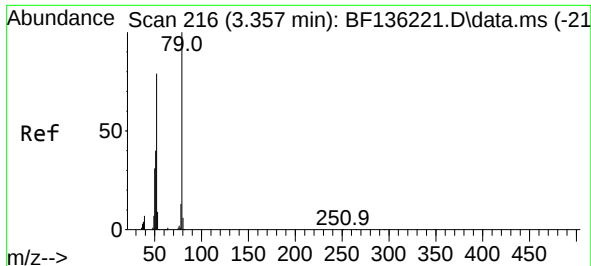


#2
1,4-Dioxane
Concen: 31.209 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.094 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



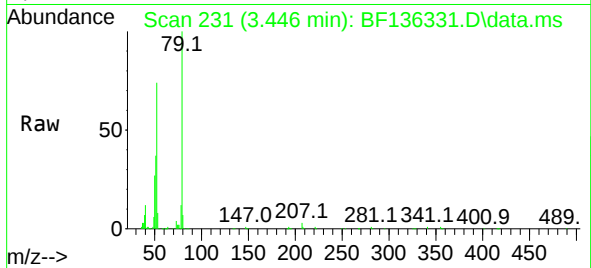
Tgt Ion: 88 Resp: 119746
Ion Ratio Lower Upper
88 100
58 80.4 65.9 98.9
43 29.1 24.8 37.2





#3
Pyridine
Concen: 31.672 ng
RT: 3.446 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



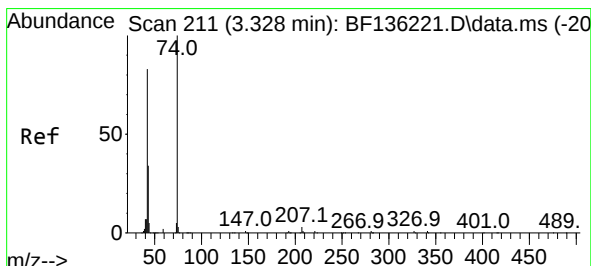
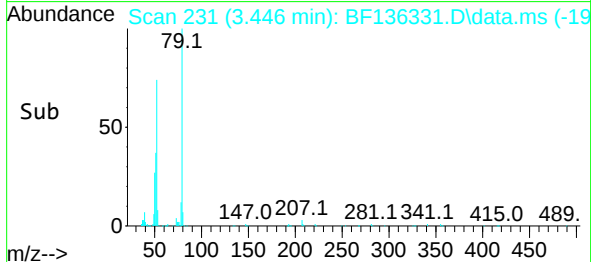
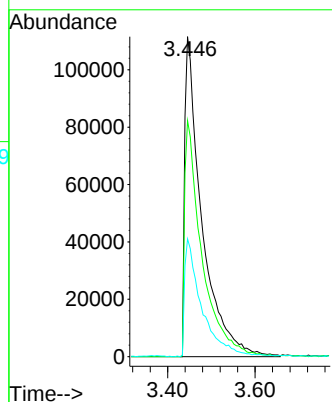
Tgt Ion: 79 Resp: 299985
Ion Ratio Lower Upper
79 100
52 73.7 63.2 94.8
51 36.8 32.6 49.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

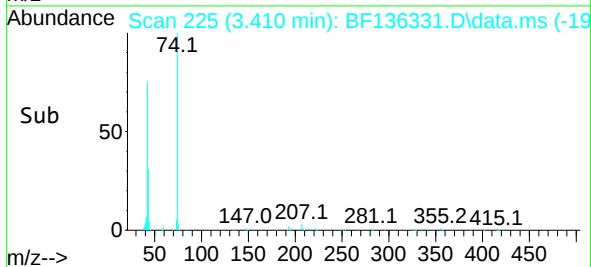
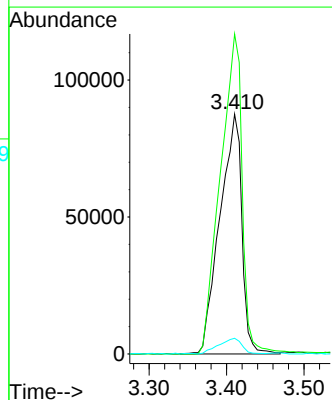
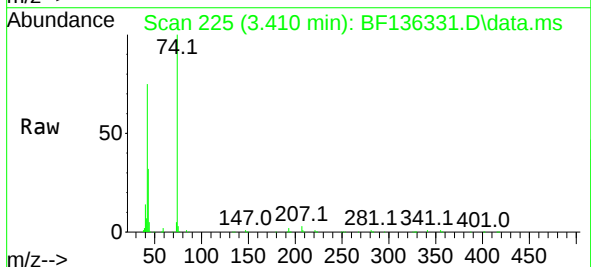
Supervised By :mohammad
ahmed
12/05/2023

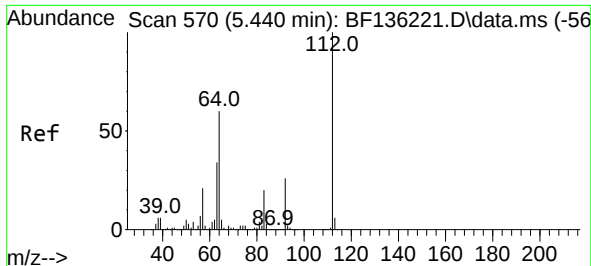
12/05/2023
Supervised By :mohammad
ahmed



#4
n-Nitrosodimethylamine
Concen: 36.111 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.082 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion: 42 Resp: 172893
Ion Ratio Lower Upper
42 100
74 133.4 96.6 144.8
44 6.5 5.4 8.2





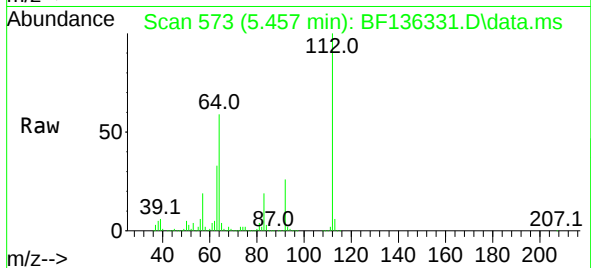
#5
2-Fluorophenol
Concen: 116.106 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



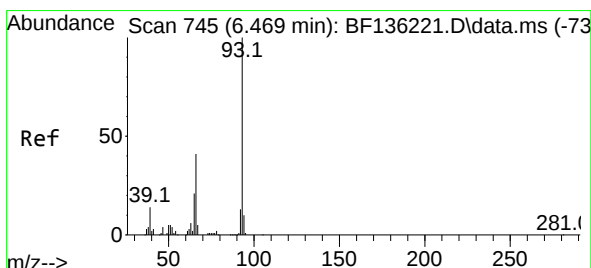
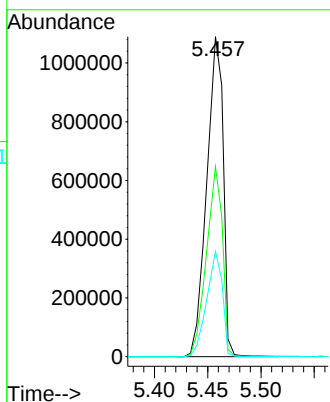
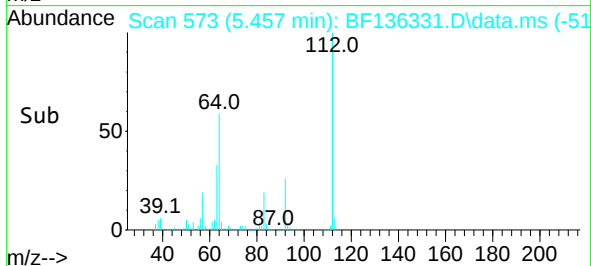
Tgt Ion:112 Resp: 117738
Ion Ratio Lower Upper
112 100
64 59.4 48.2 72.4
63 33.0 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

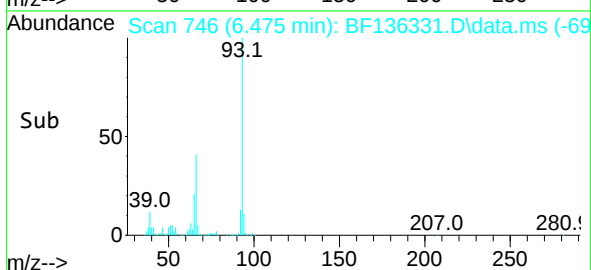
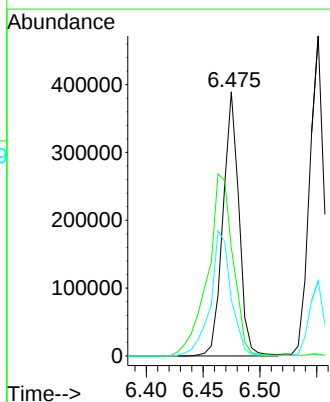
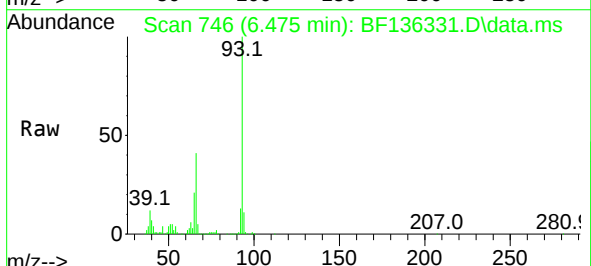
Supervised By :mohammad
ahmed
12/05/2023

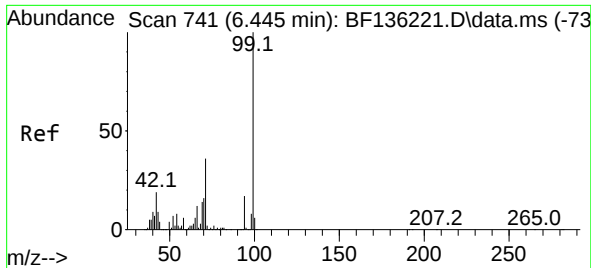
12/05/2023
Supervised By :mohammad
ahmed



#6
Aniline
Concen: 31.789 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

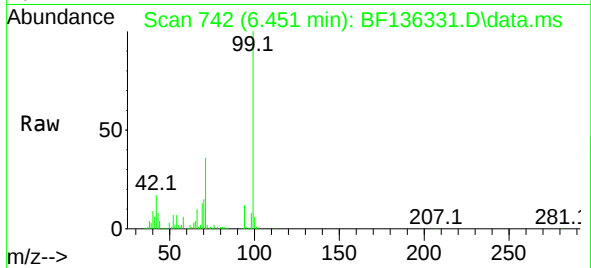
Tgt Ion: 93 Resp: 380970
Ion Ratio Lower Upper
93 100
66 40.8 34.1 51.1
65 21.2 17.3 25.9





#7
Phenol-d6
Concen: 112.814 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



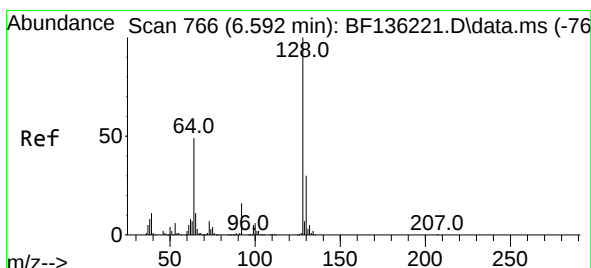
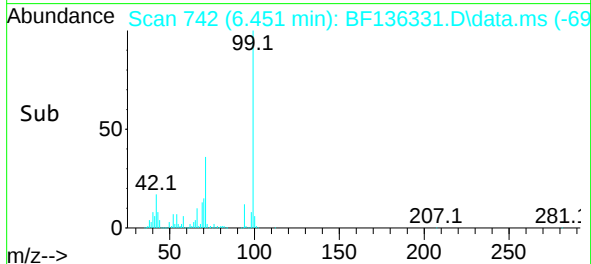
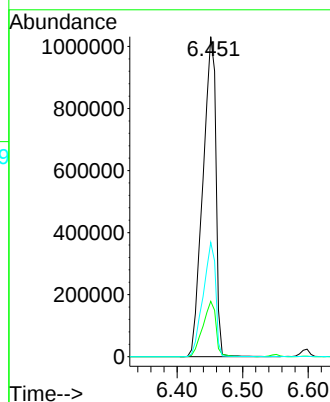
Tgt Ion: 99 Resp: 143042
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.6
71 35.7 28.9 43.3

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

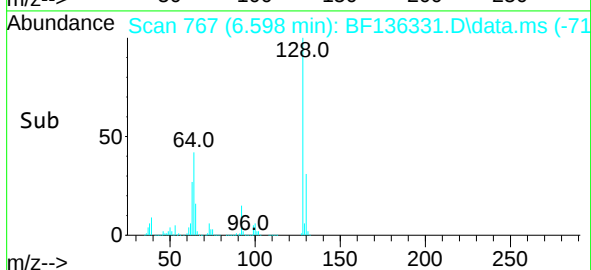
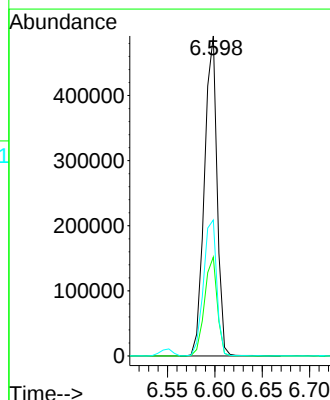
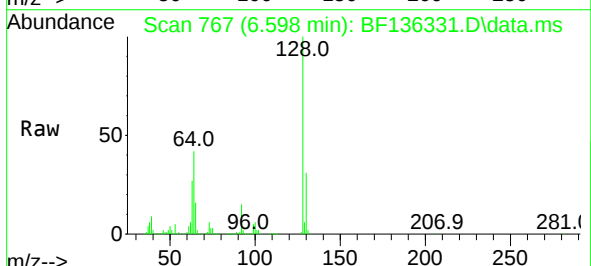
Supervised By :mohammad
ahmed
12/05/2023

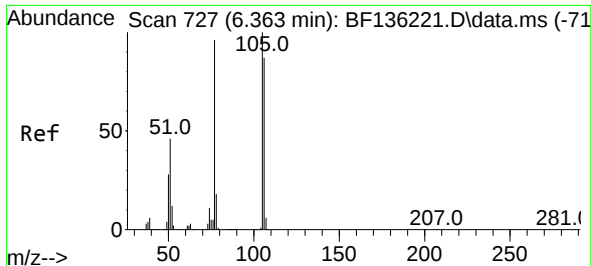
12/05/2023
Supervised By :mohammad
ahmed



#8
2-Chlorophenol
Concen: 41.561 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

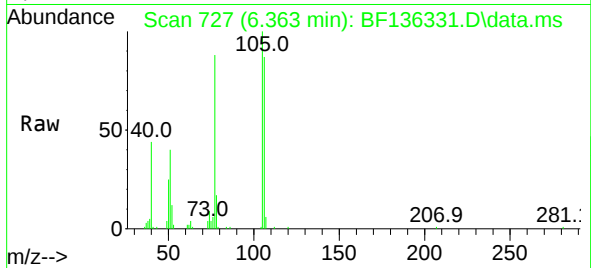
Tgt Ion:128 Resp: 458897
Ion Ratio Lower Upper
128 100
130 30.9 10.3 50.3
64 42.5 30.0 70.0





#9
Benzaldehyde
Concen: 3.071 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



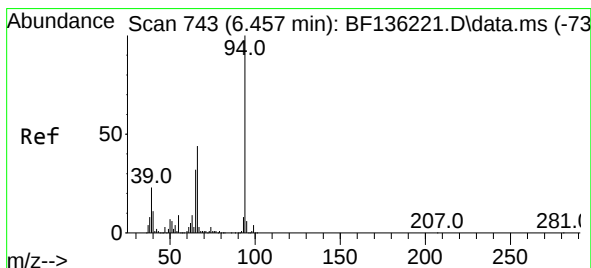
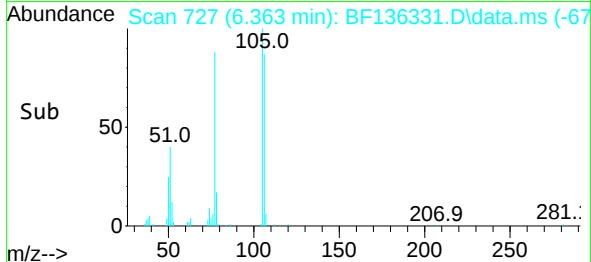
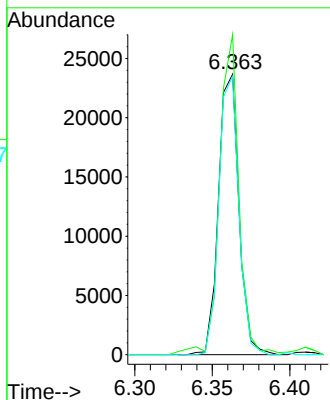
Tgt Ion: 77 Resp: 2170
Ion Ratio Lower Upper
77 100
105 114.1 84.3 124.3
106 99.3 71.0 111.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

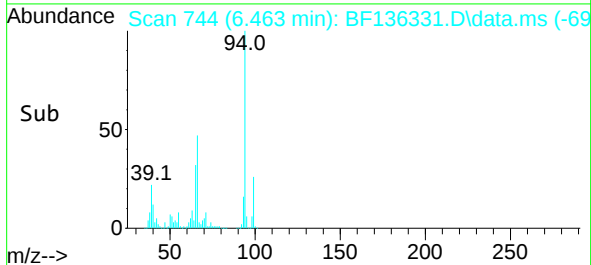
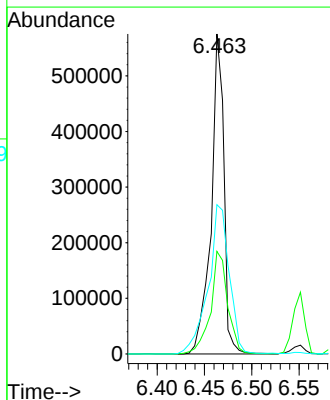
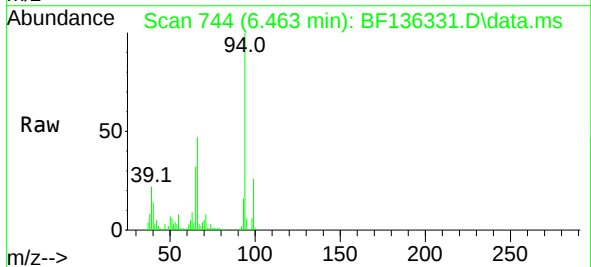
Supervised By :mohammad
ahmed
12/05/2023

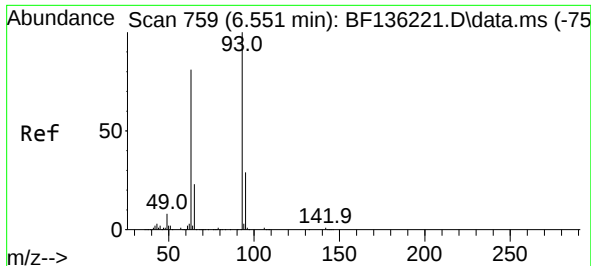
12/05/2023
Supervised By :mohammad
ahmed



#10
Phenol
Concen: 39.668 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion: 94 Resp: 539603
Ion Ratio Lower Upper
94 100
65 32.1 12.5 52.5
66 46.7 24.1 64.1





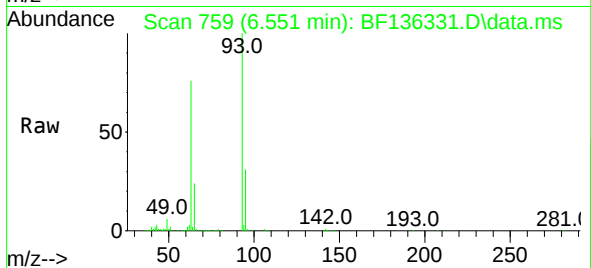
#11
bis(2-Chloroethyl)ether
Concen: 40.606 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



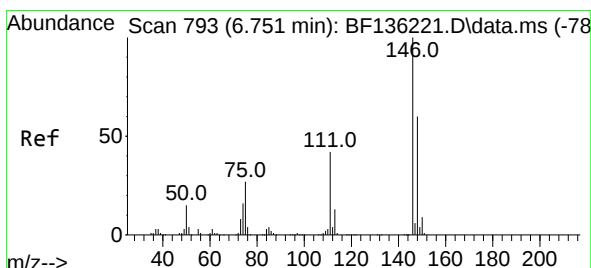
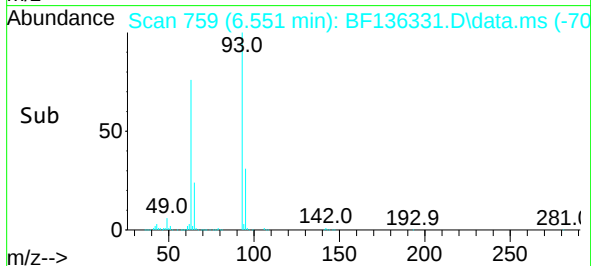
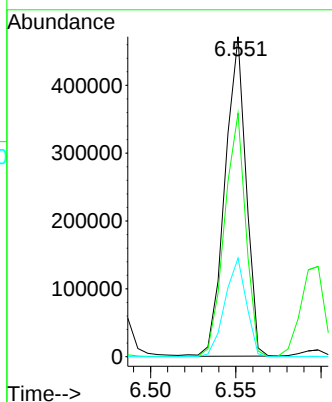
Tgt Ion: 93 Resp: 405218
Ion Ratio Lower Upper
93 100
63 76.1 60.2 100.2
95 30.8 9.1 49.1

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

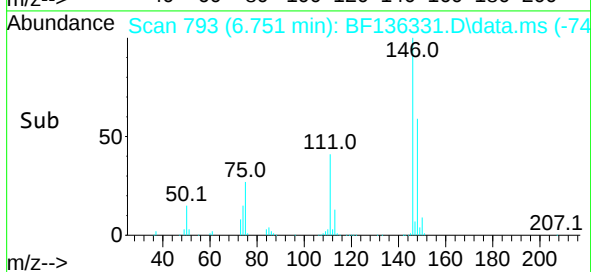
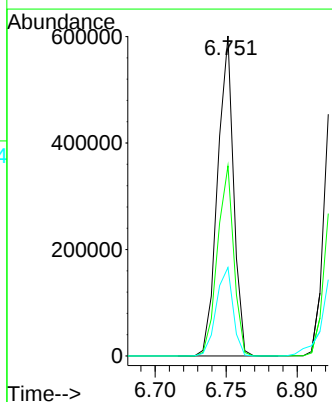
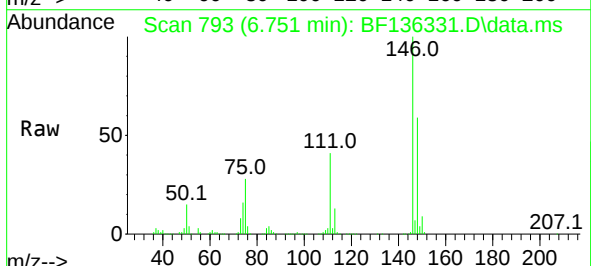
Supervised By :mohammad
ahmed
12/05/2023

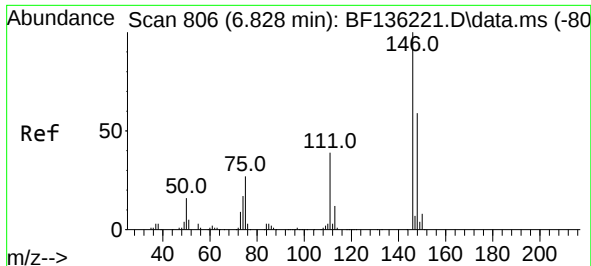
12/05/2023
Supervised By :mohammad
ahmed



#12
1,3-Dichlorobenzene
Concen: 37.539 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:146 Resp: 470379
Ion Ratio Lower Upper
146 100
148 59.4 47.8 71.6
75 27.7 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 38.585 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136331.D

Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Tgt Ion:146 Resp: 491509

Ion	Ratio	Lower	Upper
146	100		
148	60.4	47.0	70.6
111	40.6	31.5	47.3

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

ahmed

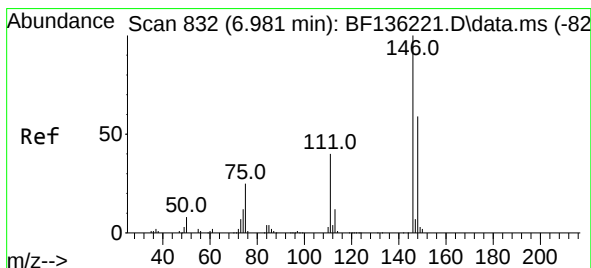
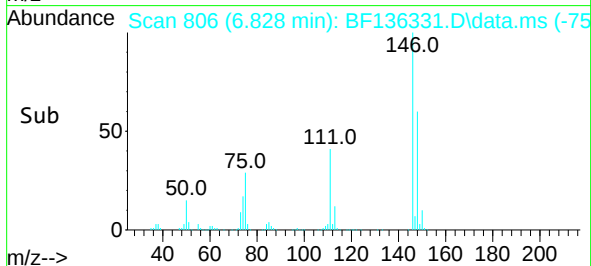
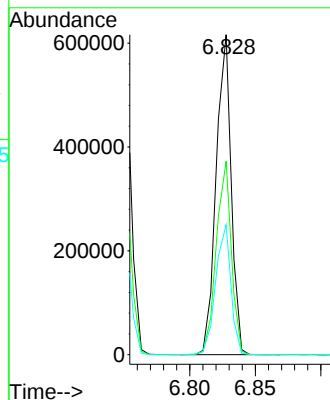
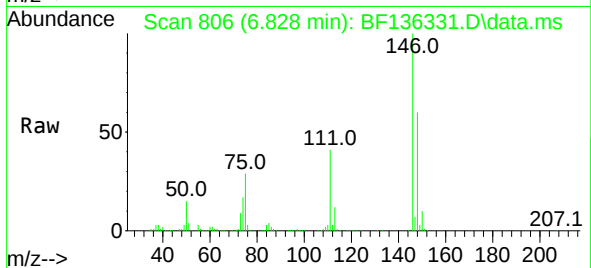
12/05/2023

12/05/2023

Supervised By :mohammad

ahmed

12/05/2023



#14

1,2-Dichlorobenzene

Concen: 38.229 ng

RT: 6.975 min Scan# 831

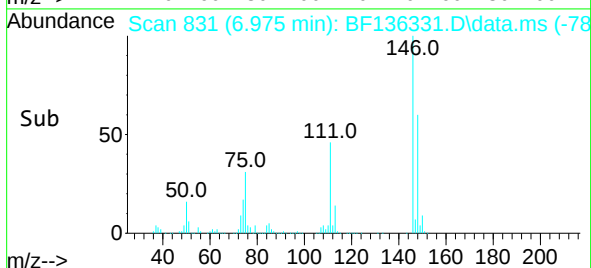
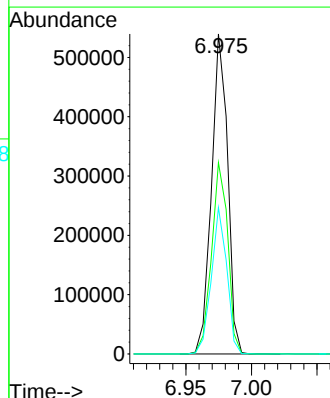
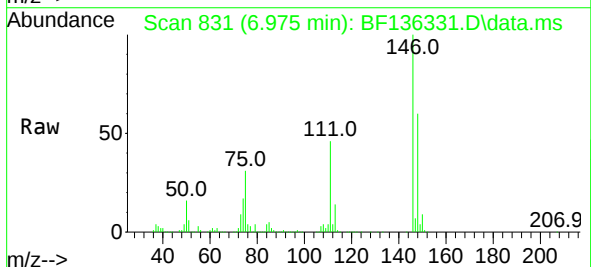
Delta R.T. -0.006 min

Lab File: BF136331.D

Acq: 01 Dec 2023 11:36

Tgt Ion:146 Resp: 461014

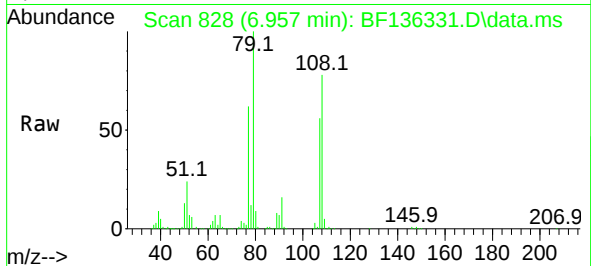
Ion	Ratio	Lower	Upper
146	100		
148	59.8	47.3	70.9
111	45.7	32.4	48.6





#15
Benzyl Alcohol
Concen: 41.175 ng
RT: 6.957 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



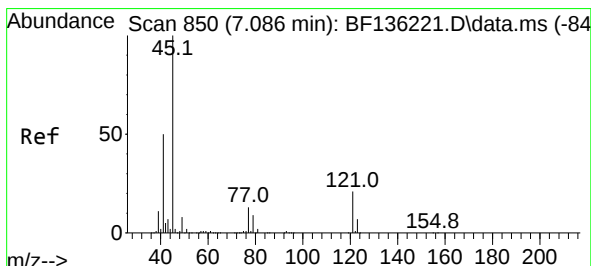
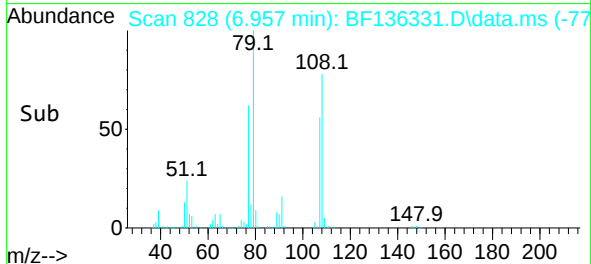
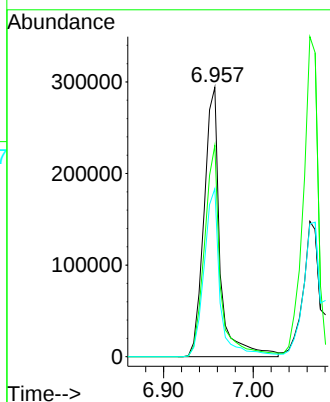
Tgt Ion: 79 Resp: 366038
Ion Ratio Lower Upper
79 100
108 78.5 58.1 87.1
77 62.4 51.8 77.8

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

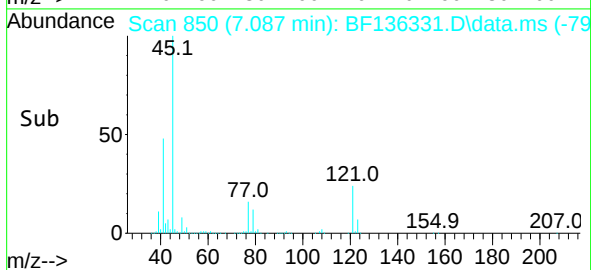
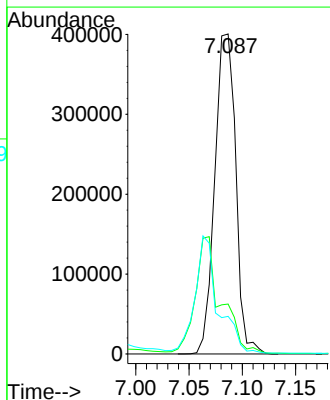
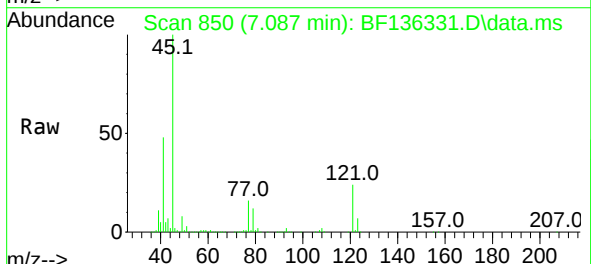
Supervised By :mohammad
ahmed
12/05/2023

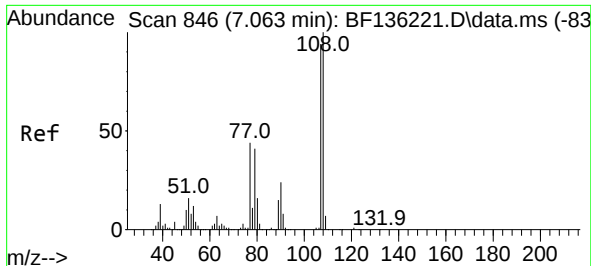
12/05/2023
Supervised By :mohammad
ahmed



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.431 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion: 45 Resp: 546564
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.0
79 11.7 0.0 30.1





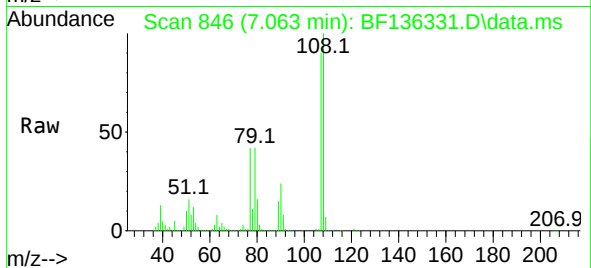
#17
2-Methylphenol
Concen: 40.523 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



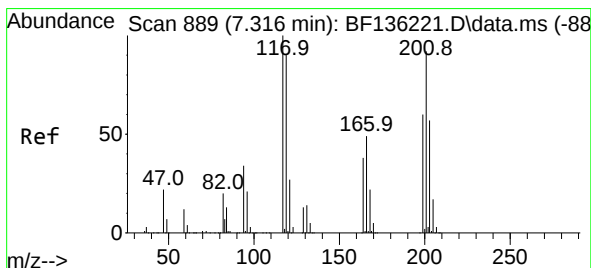
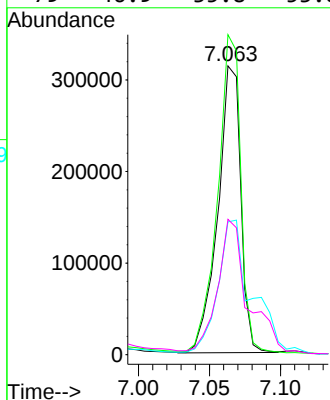
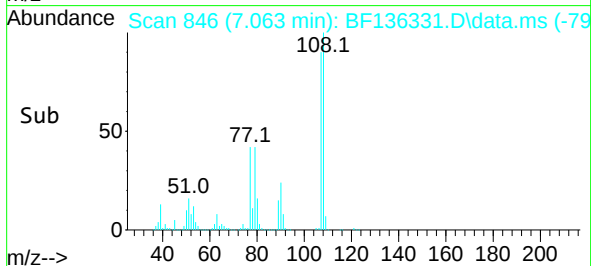
Tgt Ion:107 Resp: 351760
Ion Ratio Lower Upper
107 100
108 110.8 85.4 128.0
77 46.0 37.4 56.2
79 46.9 35.8 53.8

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

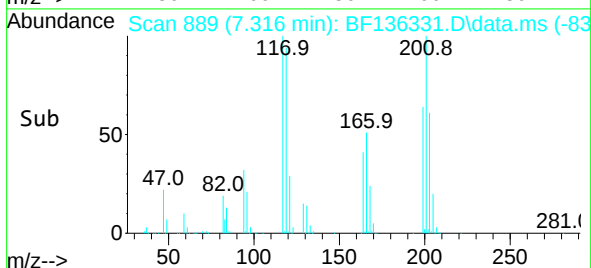
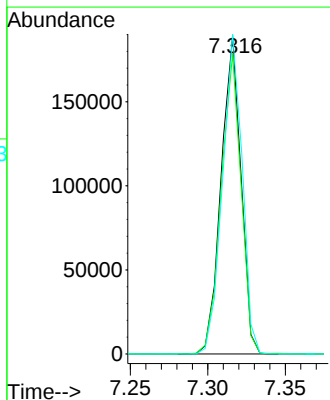
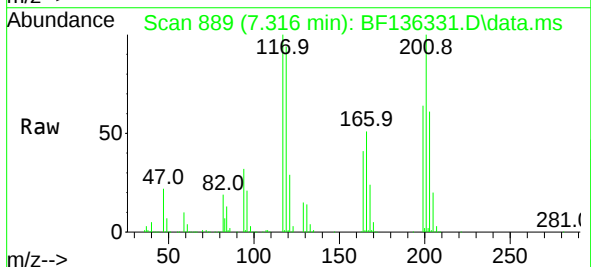
Supervised By :mohammad
ahmed
12/05/2023

12/05/2023
Supervised By :mohammad
ahmed



#18
Hexachloroethane
Concen: 37.568 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

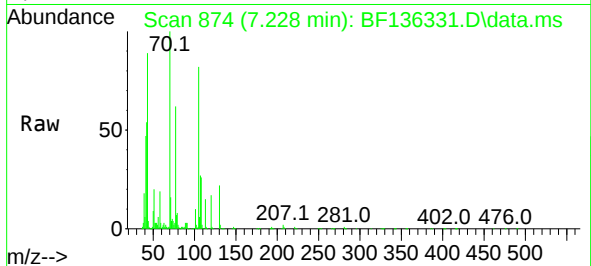
Tgt Ion:117 Resp: 167858
Ion Ratio Lower Upper
117 100
119 94.2 71.6 107.4
201 100.4 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.718 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



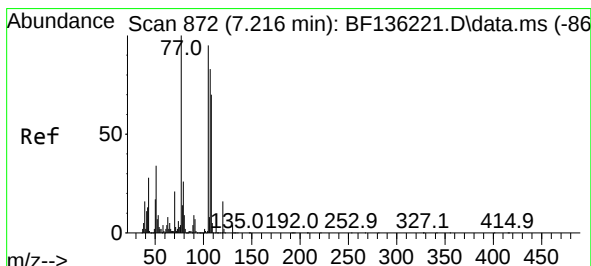
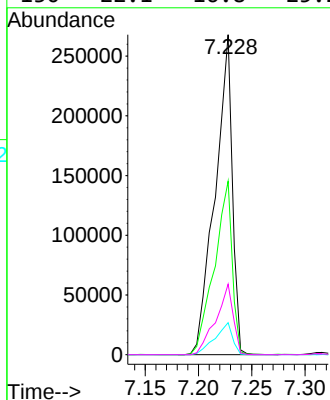
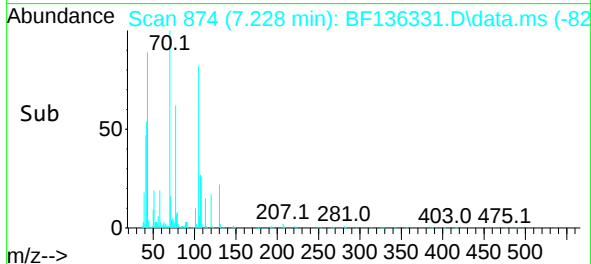
Tgt Ion: 70 Resp: 30119
Ion Ratio Lower Upper
70 100
42 54.2 47.0 70.4
101 10.0 7.8 11.8
130 22.1 16.8 25.2

Manual Integrations
APPROVED

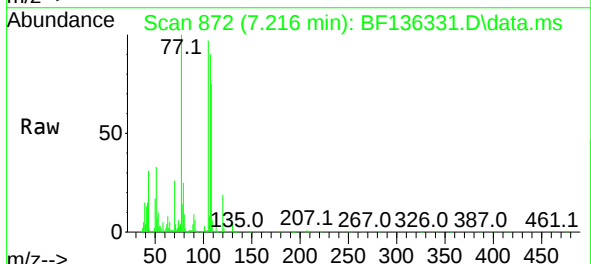
Reviewed By :Yogesh
Patel
12/05/2023

Supervised By :mohammad
ahmed
12/05/2023

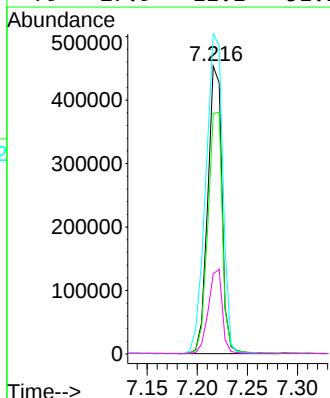
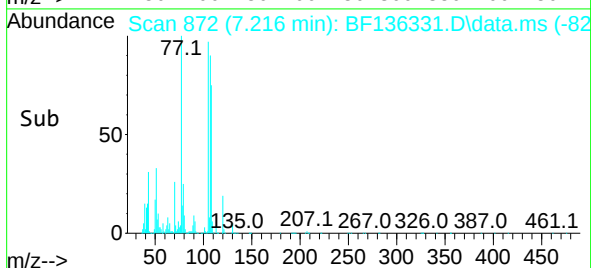
12/05/2023
Supervised By :mohammad
ahmed



#20
3+4-Methylphenols
Concen: 39.577 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion:107 Resp: 446493
Ion Ratio Lower Upper
107 100
108 83.5 63.9 103.9
77 111.2 100.2 140.2
79 27.9 11.1 51.1





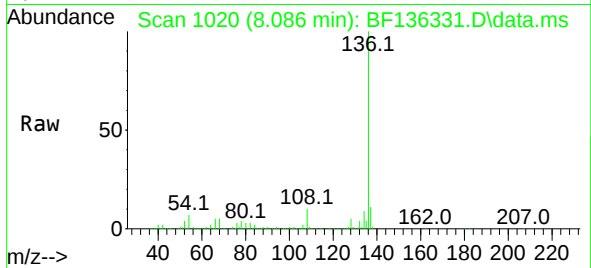
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



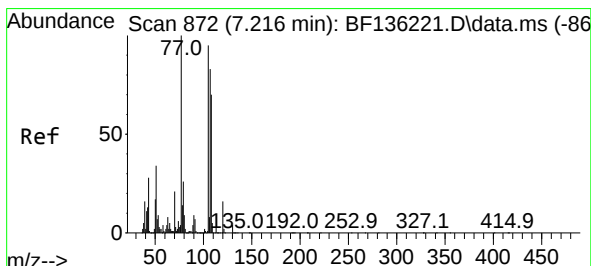
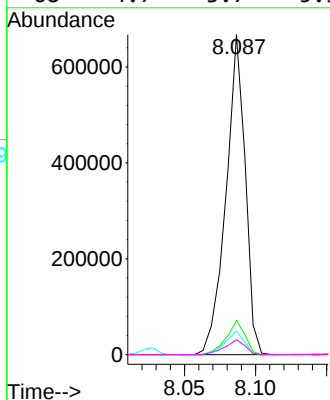
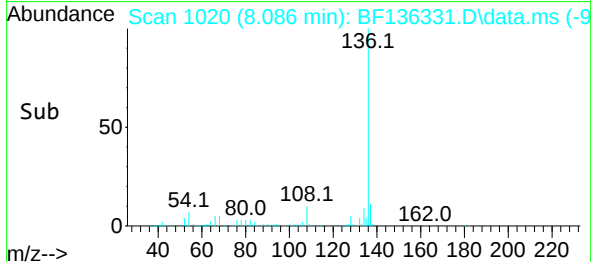
Tgt Ion:136 Resp: 628744
Ion Ratio Lower Upper
136 100
137 10.7 7.4 11.2
54 7.4 5.5 8.3
68 4.7 3.7 5.5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

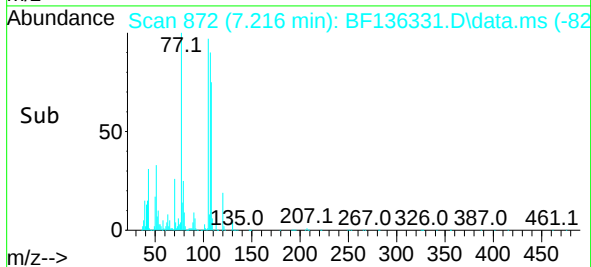
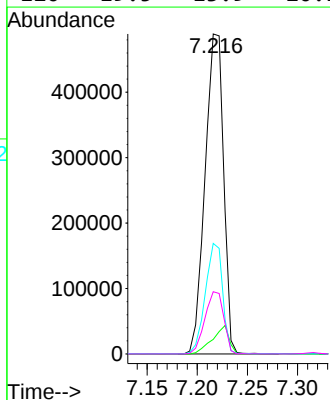
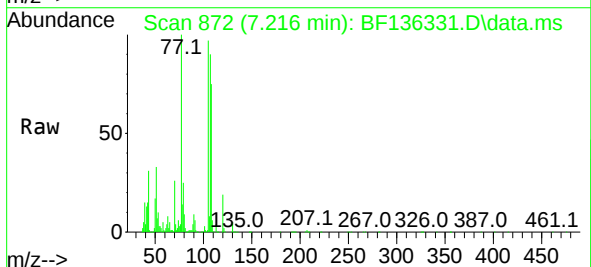
Supervised By :mohammad
ahmed
12/05/2023

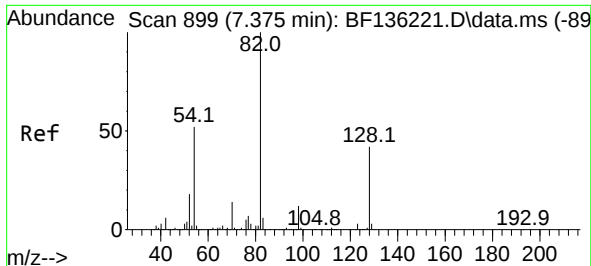
12/05/2023
Supervised By :mohammad
ahmed



#22
Acetophenone
Concen: 38.208 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:105 Resp: 630922
Ion Ratio Lower Upper
105 100
71 4.5 2.8 4.2#
51 34.5 29.0 43.6
120 19.5 13.9 20.9





#23

Nitrobenzene-d5

Concen: 73.382 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136331.D

Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Tgt Ion: 82	Resp: 87312
Ion Ratio	Lower Upper
82 100	
128 44.1	33.4 50.2
54 50.2	41.7 62.5

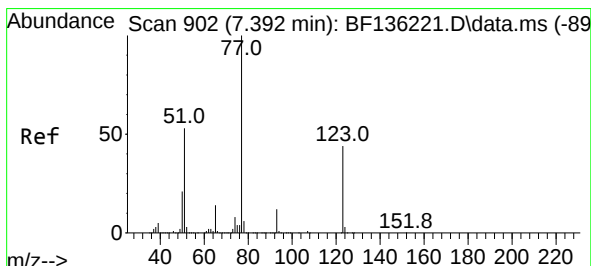
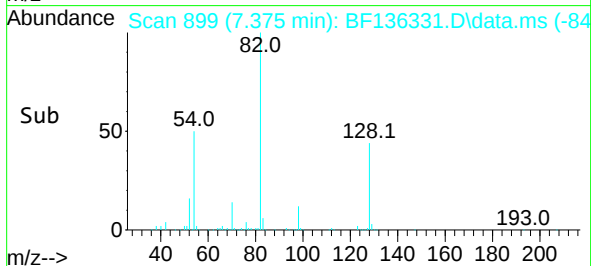
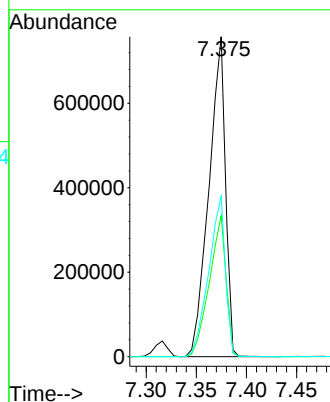
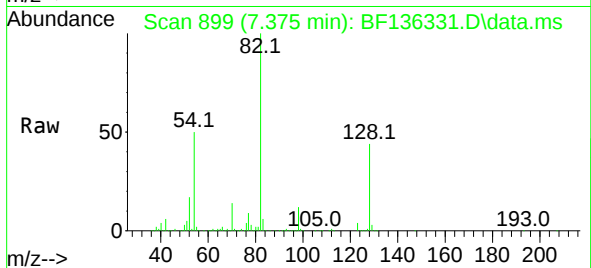
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

Supervised By :mohammad
ahmed
12/05/2023

12/05/2023
Supervised By :mohammad
ahmed

12/05/2023



#24

Nitrobenzene

Concen: 37.331 ng

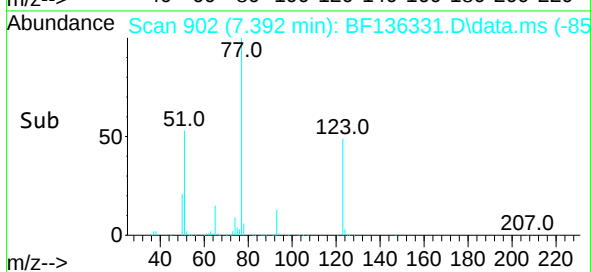
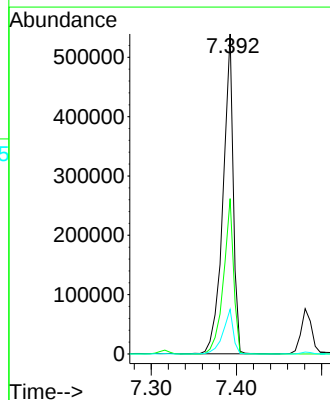
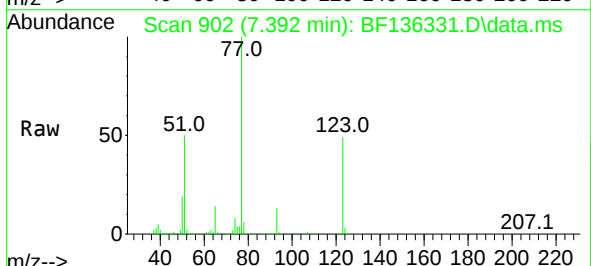
RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136331.D

Acq: 01 Dec 2023 11:36

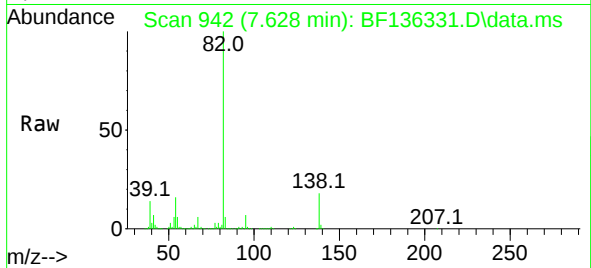
Tgt Ion: 77	Resp: 450116
Ion Ratio	Lower Upper
77 100	
123 48.5	35.4 53.2
65 14.0	11.0 16.6





#25
Isophorone
Concen: 38.798 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



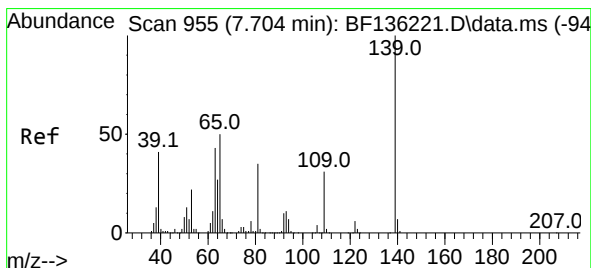
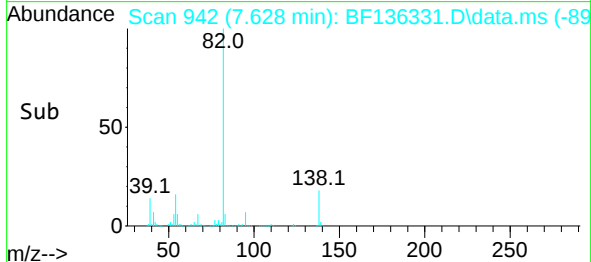
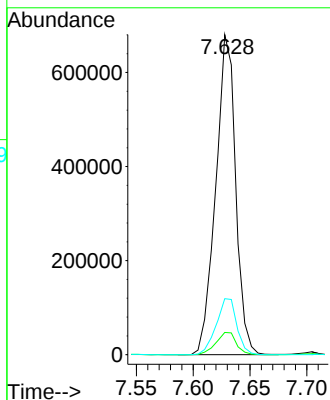
Tgt Ion: 82 Resp: 832388
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.5 12.8 19.2

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

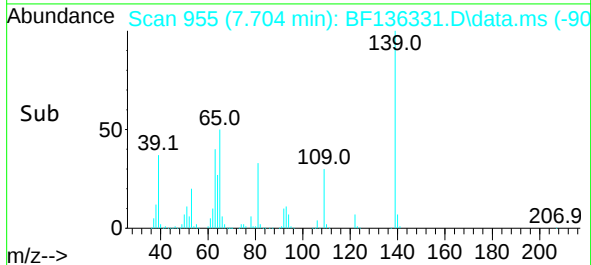
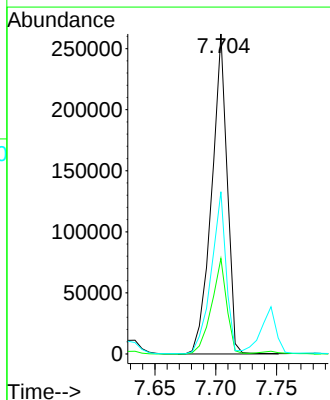
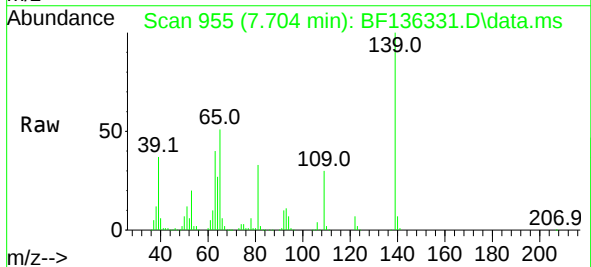
Supervised By :mohammad
ahmed
12/05/2023

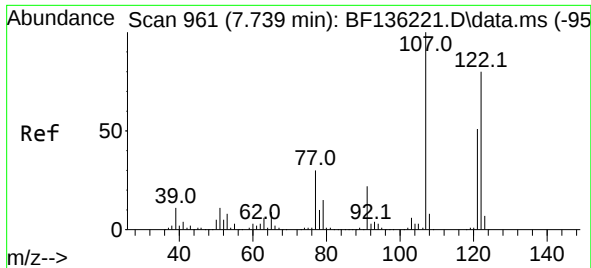
12/05/2023
Supervised By :mohammad
ahmed



#26
2-Nitrophenol
Concen: 45.265 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:139 Resp: 232544
Ion Ratio Lower Upper
139 100
109 29.9 25.0 37.6
65 50.7 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 53.574 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Tgt Ion:122 Resp: 36226
Ion Ratio Lower Upper
122 100
107 118.8 100.0 150.0
121 60.7 50.7 76.1

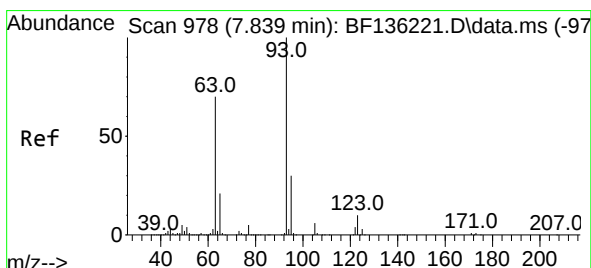
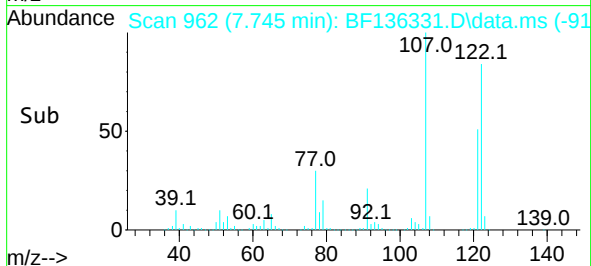
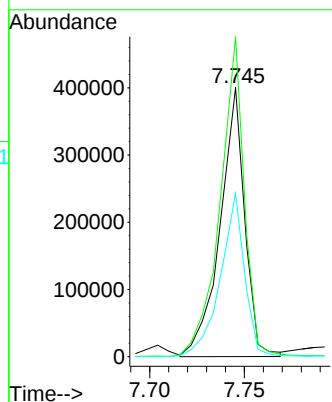
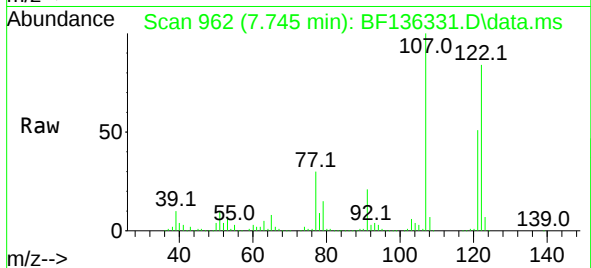
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

Supervised By :mohammad
ahmed
12/05/2023

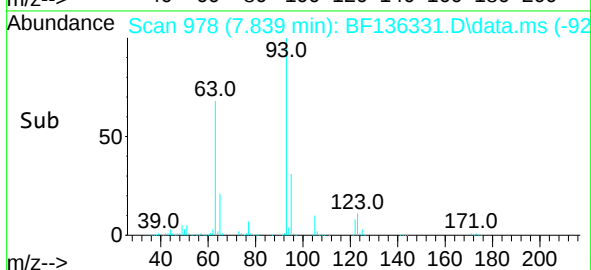
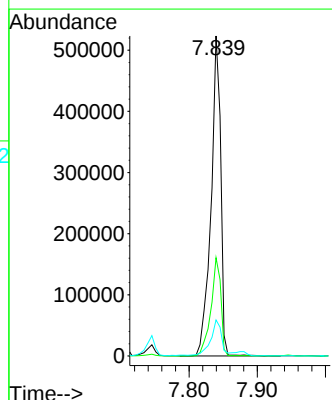
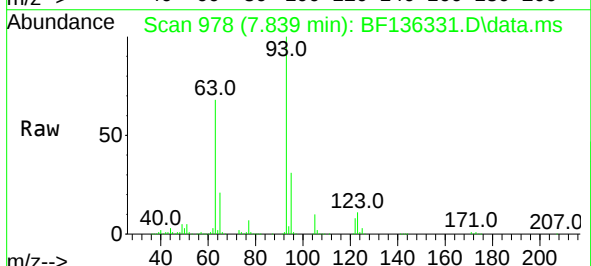
12/05/2023
Supervised By :mohammad
ahmed

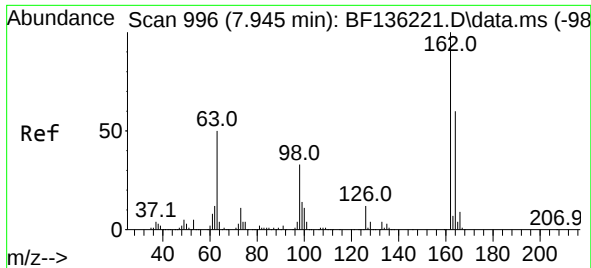
12/05/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.046 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion: 93 Resp: 519680
Ion Ratio Lower Upper
93 100
95 30.7 23.8 35.6
123 11.2 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 41.272 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Tgt Ion:162 Resp: 37643
Ion Ratio Lower Upper
162 100
164 61.8 40.3 80.3
98 38.2 13.0 53.0

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

ahmed

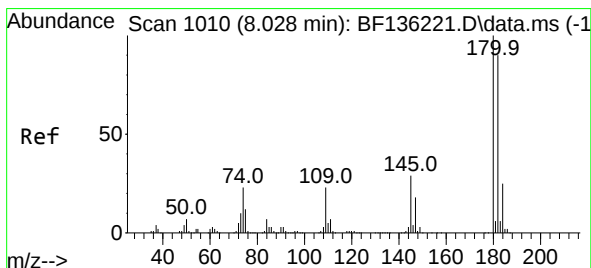
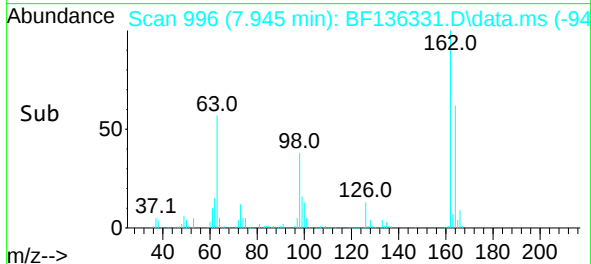
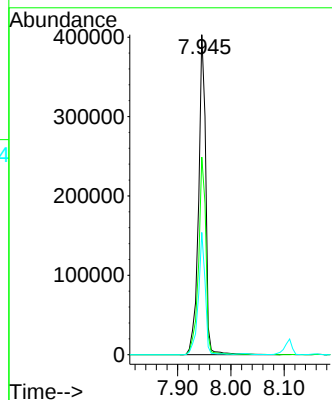
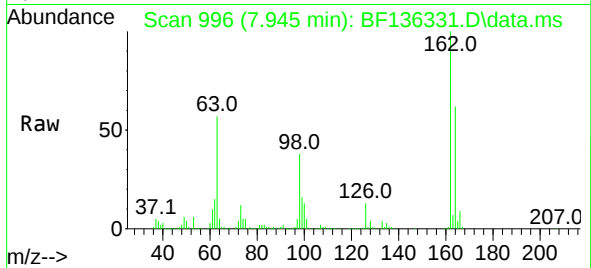
12/05/2023

12/05/2023

Supervised By :mohammad

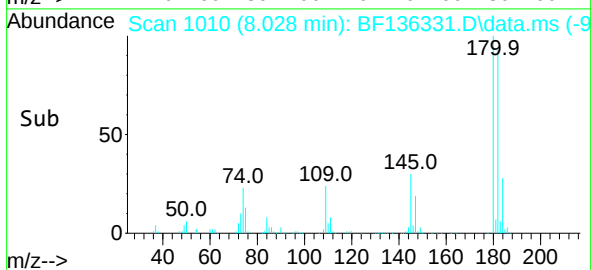
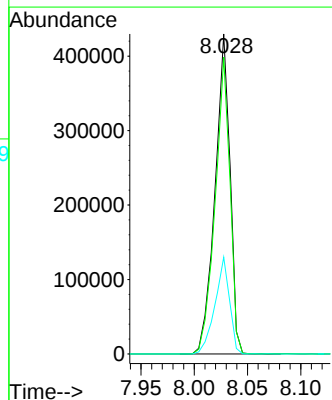
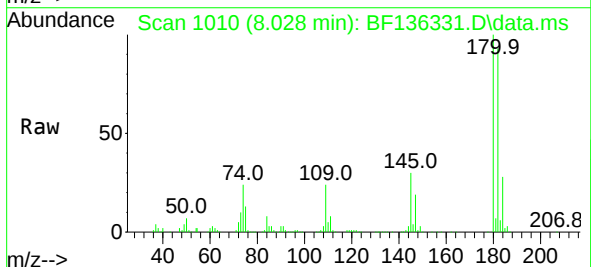
ahmed

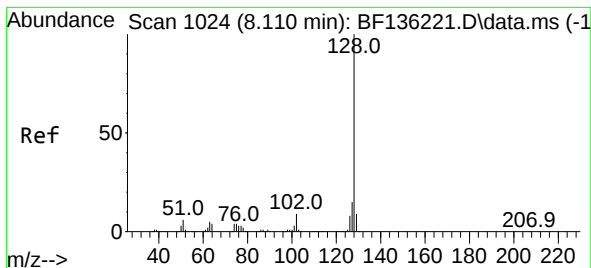
12/05/2023



#30
1,2,4-Trichlorobenzene
Concen: 37.547 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:180 Resp: 419273
Ion Ratio Lower Upper
180 100
182 92.7 71.6 107.4
145 30.3 23.0 34.4





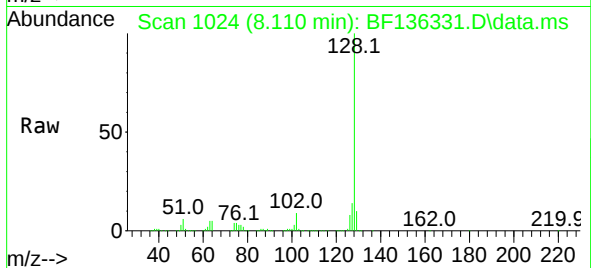
#31
Naphthalene
Concen: 38.151 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



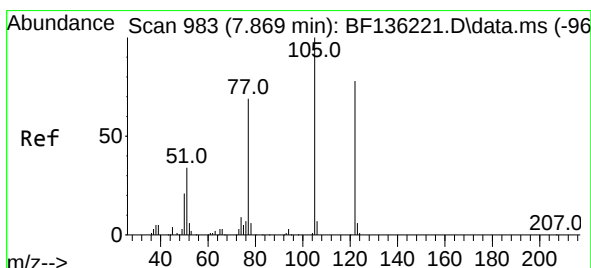
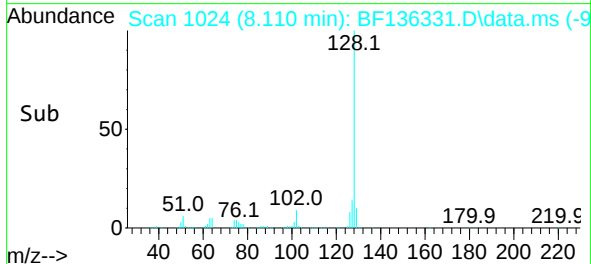
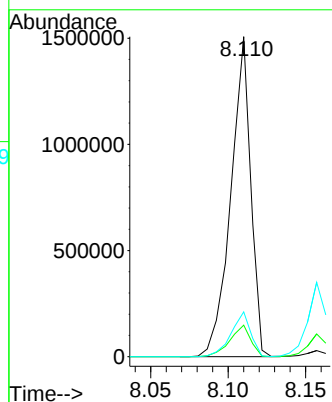
Tgt Ion:128 Resp: 1348270
Ion Ratio Lower Upper
128 100
129 9.9 7.3 10.9
127 14.0 11.8 17.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

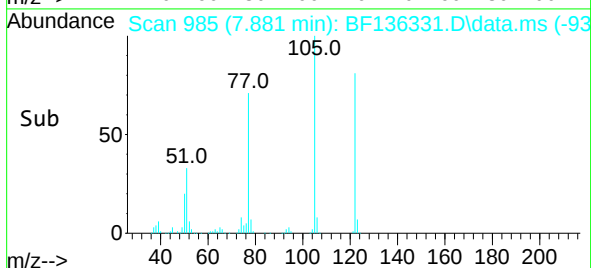
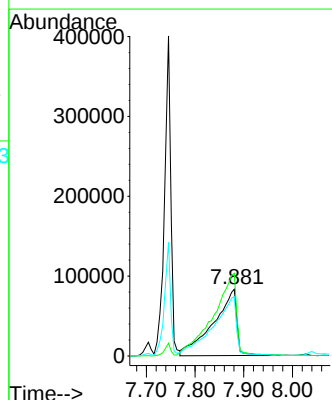
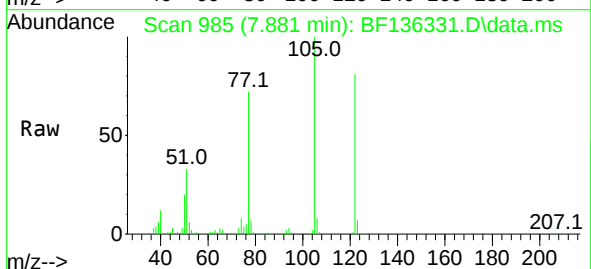
Supervised By :mohammad
ahmed
12/05/2023

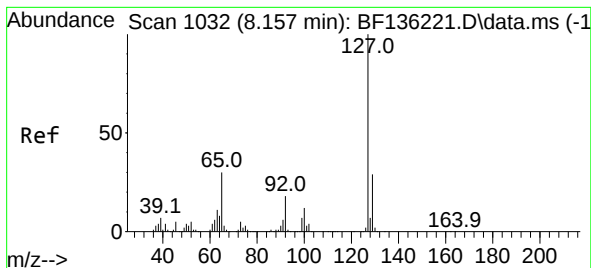
12/05/2023
Supervised By :mohammad
ahmed



#32
Benzoic acid
Concen: 45.132 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:122 Resp: 278135
Ion Ratio Lower Upper
122 100
105 123.6 103.7 143.7
77 88.9 66.8 106.8





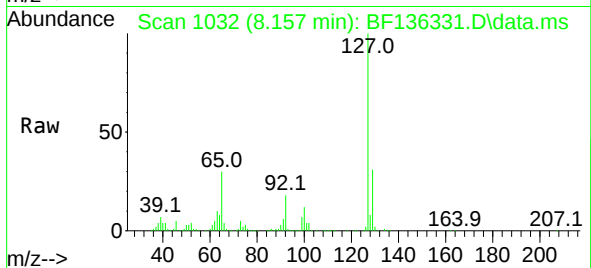
#33
4-Chloroaniline
Concen: 24.403 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	23.4	35.2
65	29.7	23.8	35.6
92	18.5	14.6	21.8

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

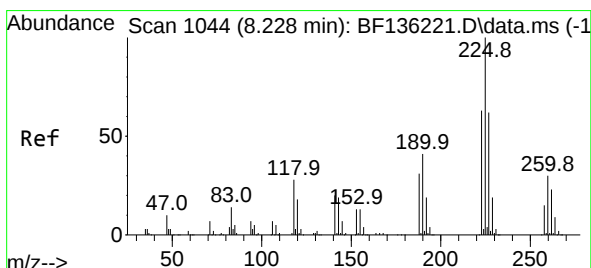
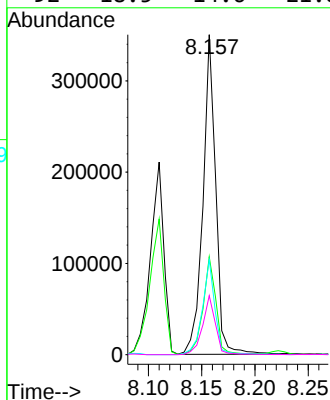
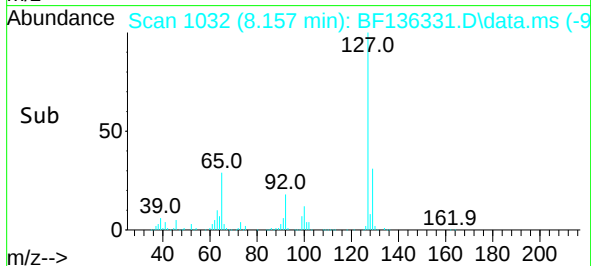
ahmed

12/05/2023

12/05/2023

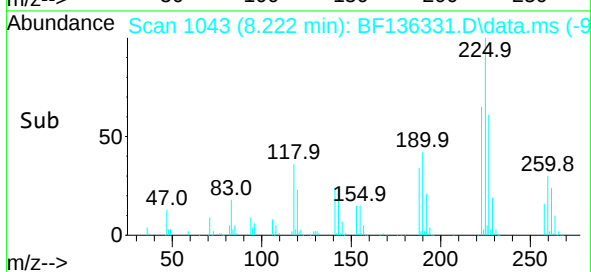
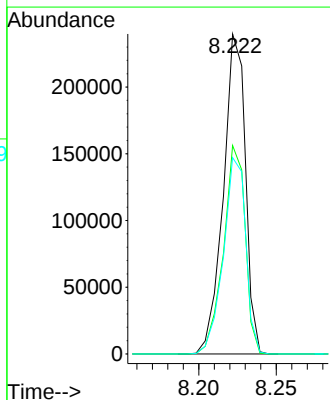
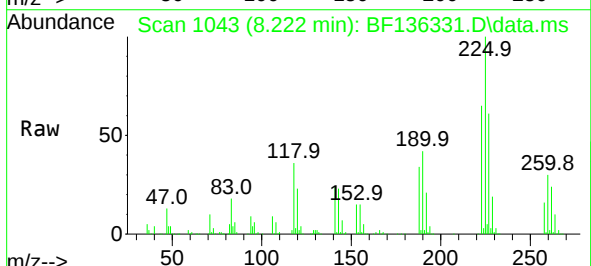
Supervised By :mohammad

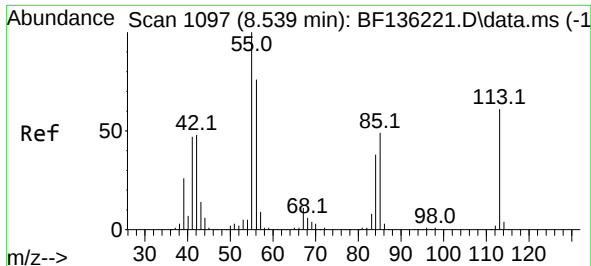
ahmed



#34
Hexachlorobutadiene
Concen: 36.384 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	75.8
227	61.3	49.6	74.4





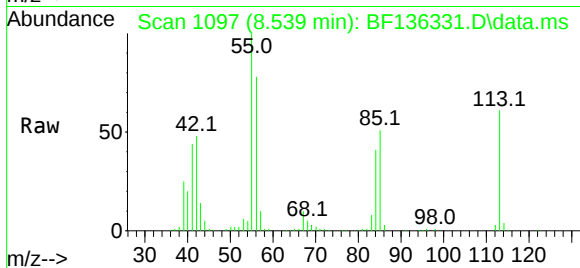
#35
Caprolactam
Concen: 42.998 ng m
RT: 8.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:113 Resp: 10963
Ion Ratio Lower Upper
113 100
55 164.8 143.1 183.1
56 127.9 103.6 143.6

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

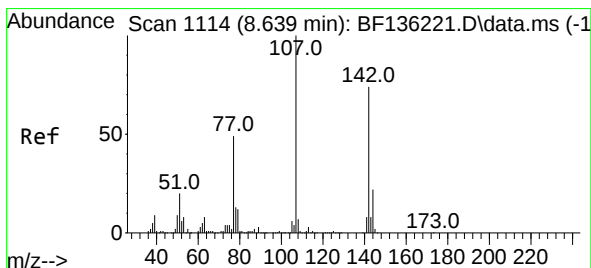
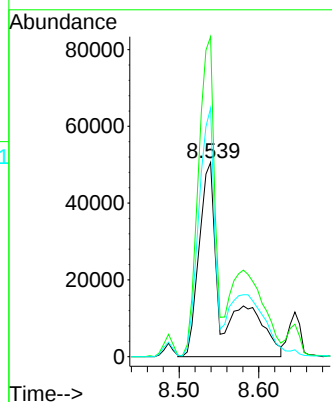
ahmed

12/05/2023

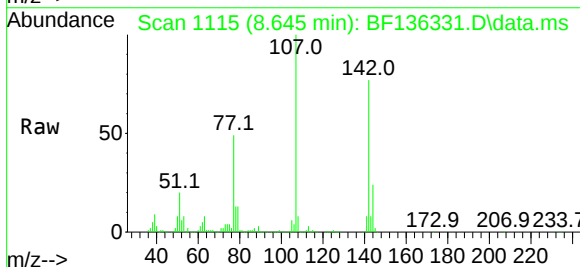
12/05/2023

Supervised By :mohammad

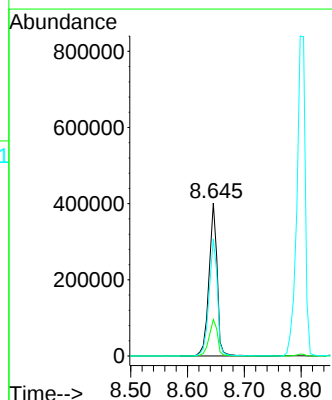
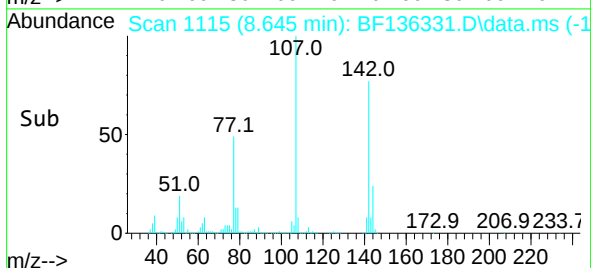
ahmed

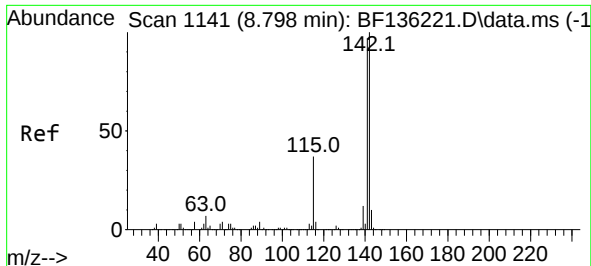


#36
4-Chloro-3-methylphenol
Concen: 40.098 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion:107 Resp: 396644
Ion Ratio Lower Upper
107 100
144 23.8 17.8 26.8
142 76.5 59.4 89.0





#37
2-Methylnaphthalene
Concen: 38.677 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Tgt Ion:142 Resp: 857419
Ion Ratio Lower Upper
142 100
141 94.4 77.8 116.8

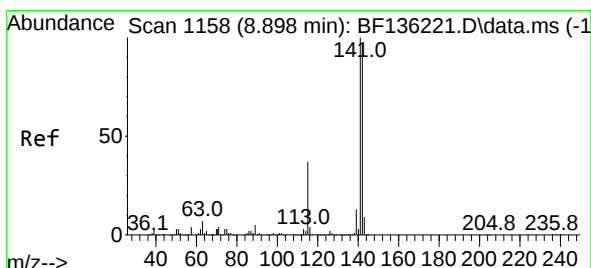
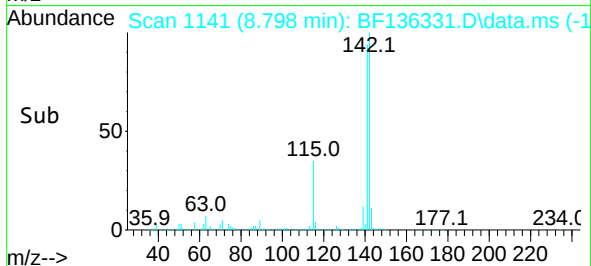
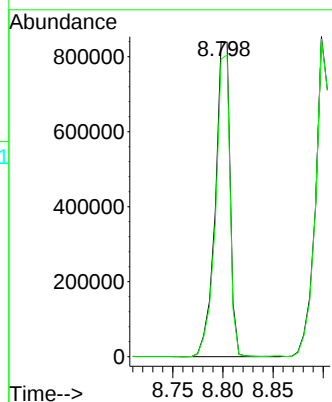
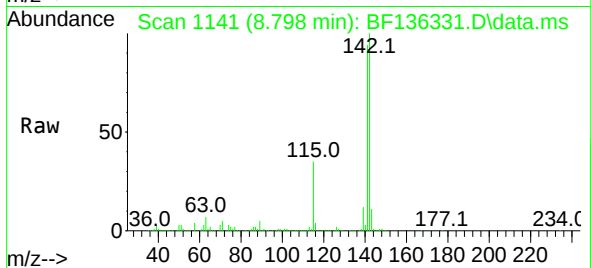
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

Supervised By :mohammad
ahmed
12/05/2023

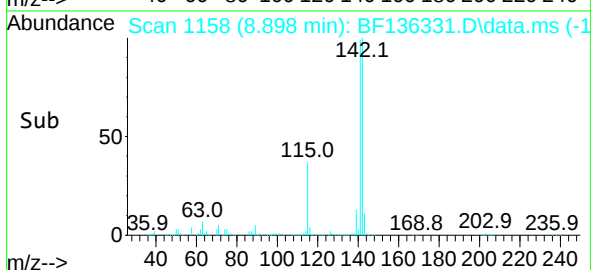
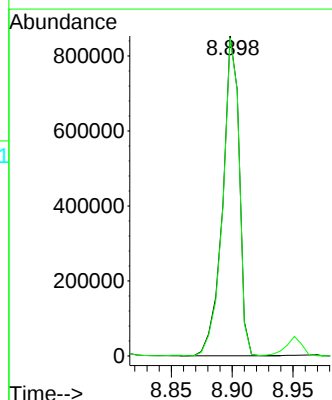
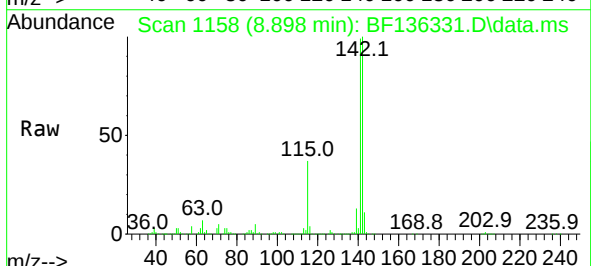
12/05/2023
Supervised By :mohammad
ahmed

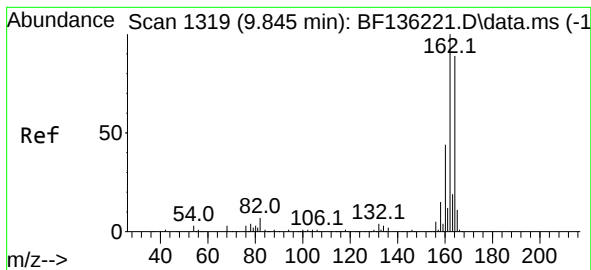
12/05/2023



#38
1-Methylnaphthalene
Concen: 37.309 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:142 Resp: 806840
Ion Ratio Lower Upper
142 100
141 99.3 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF136331.D

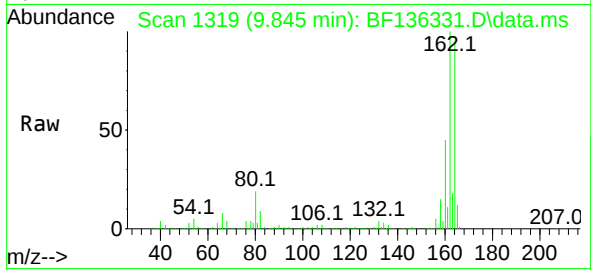
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:164 Resp: 323918

Ion Ratio Lower Upper

164 100

162 105.3 89.5 134.3

160 47.3 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

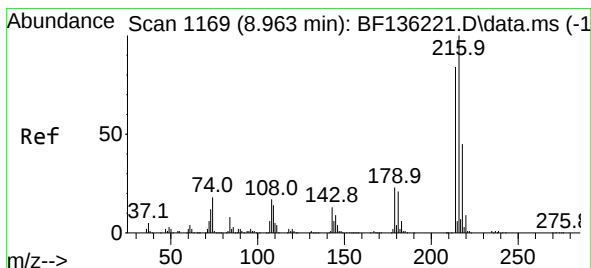
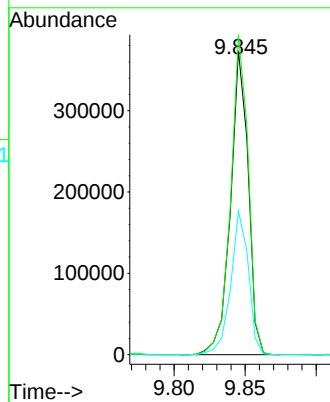
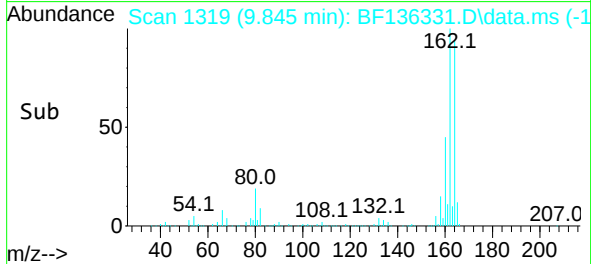
ahmed

12/05/2023

12/05/2023

Supervised By :mohammad

ahmed



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.344 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF136331.D

Acq: 01 Dec 2023 11:36

Tgt Ion:216 Resp: 405590

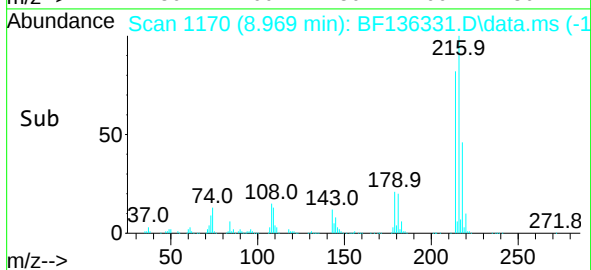
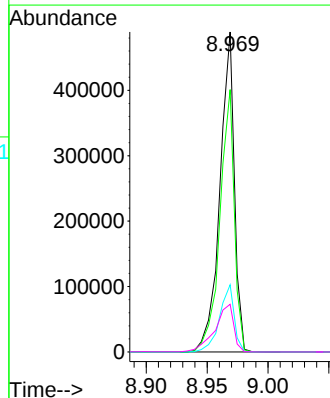
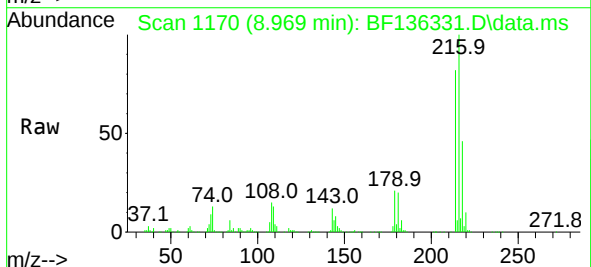
Ion Ratio Lower Upper

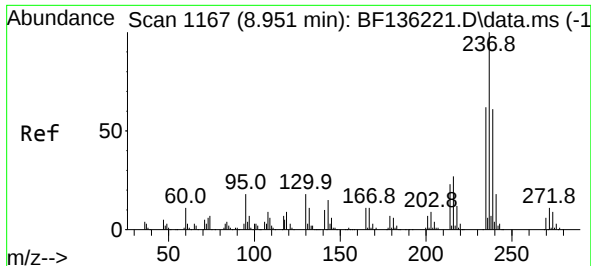
216 100

214 81.6 65.8 98.8

179 21.3 17.4 26.0

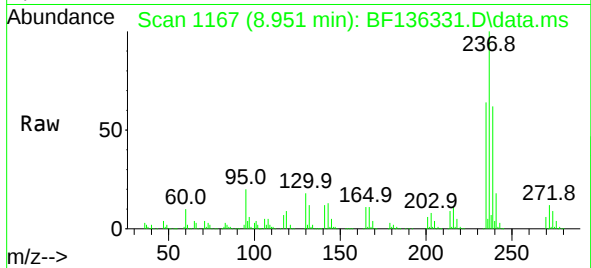
108 19.3 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 100.971 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



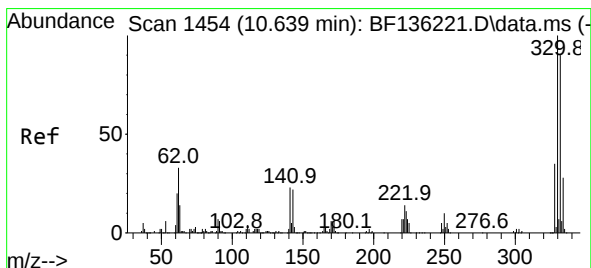
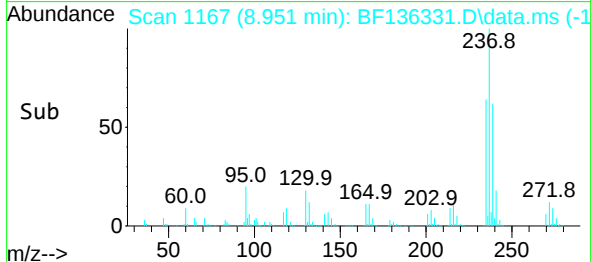
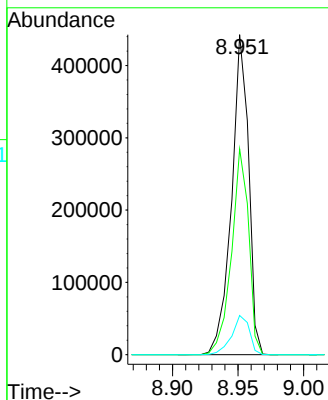
Tgt Ion:237 Resp: 400515
Ion Ratio Lower Upper
237 100
235 64.3 42.1 82.1
272 12.2 0.0 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

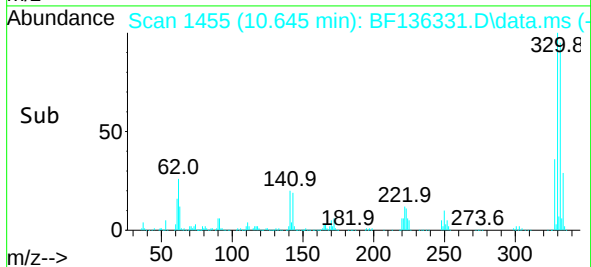
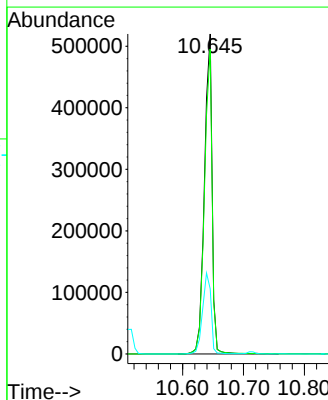
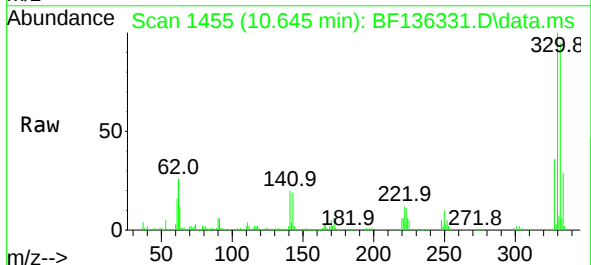
Supervised By :mohammad
ahmed
12/05/2023

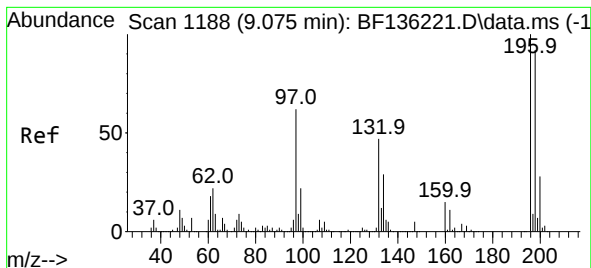
12/05/2023
Supervised By :mohammad
ahmed



#42
2,4,6-Tribromophenol
Concen: 115.153 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:330 Resp: 456027
Ion Ratio Lower Upper
330 100
332 94.7 73.0 109.6
141 27.9 24.2 36.2





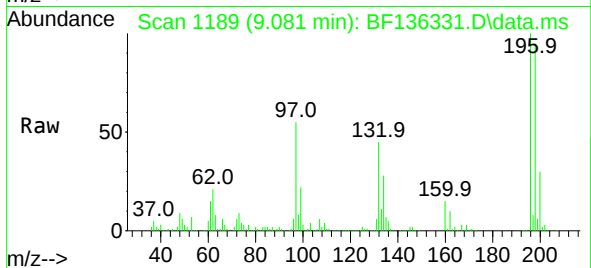
#43
2,4,6-Trichlorophenol
Concen: 40.473 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



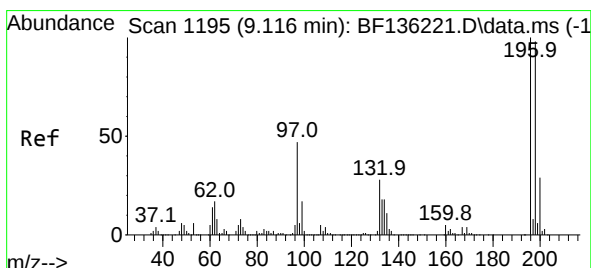
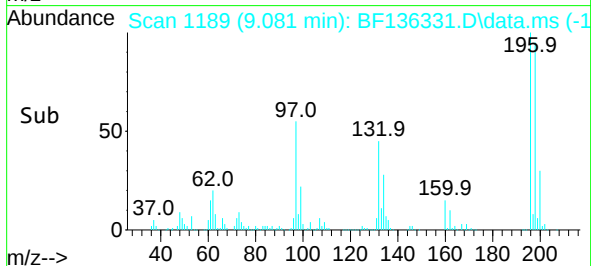
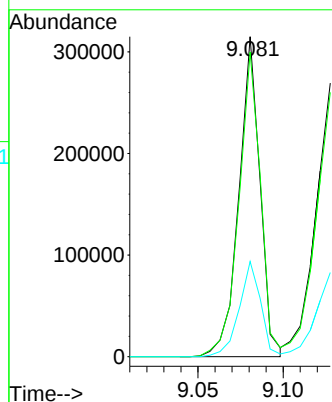
Tgt Ion:196 Resp: 270808
Ion Ratio Lower Upper
196 100
198 95.2 73.2 109.8
200 29.7 22.4 33.6

Manual Integrations
APPROVED

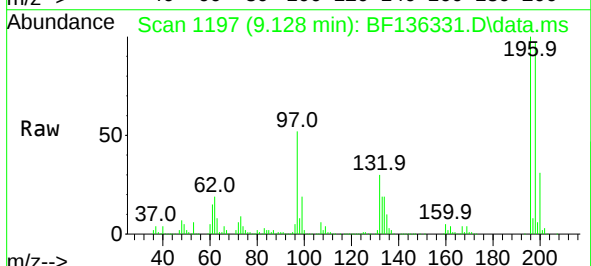
Reviewed By :Yogesh
Patel
12/05/2023

Supervised By :mohammad
ahmed
12/05/2023

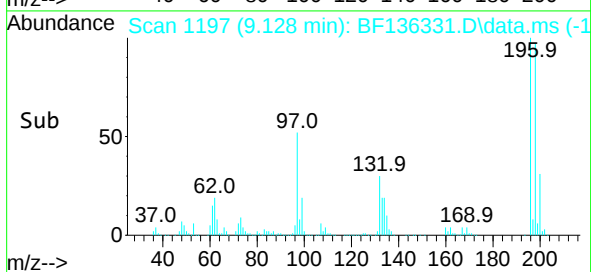
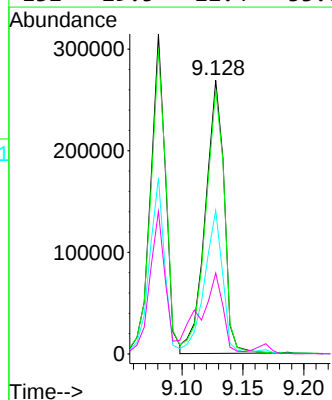
12/05/2023
Supervised By :mohammad
ahmed

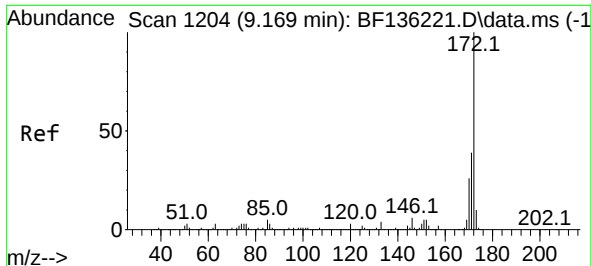


#44
2,4,5-Trichlorophenol
Concen: 39.506 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



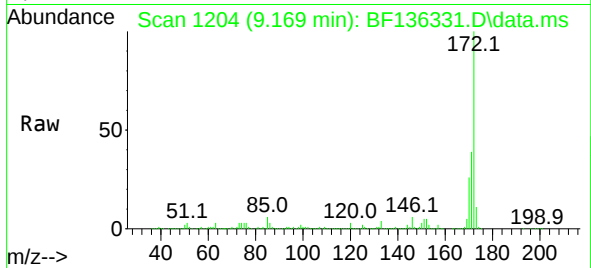
Tgt Ion:196 Resp: 288468
Ion Ratio Lower Upper
196 100
198 96.6 78.8 118.2
97 52.4 37.8 56.8
132 29.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 71.987 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



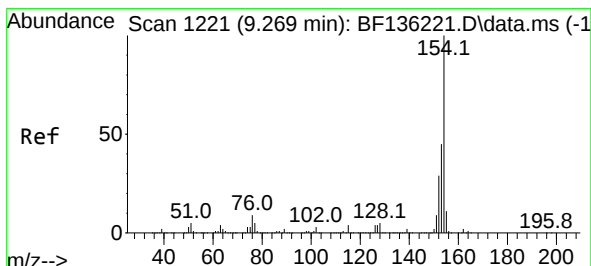
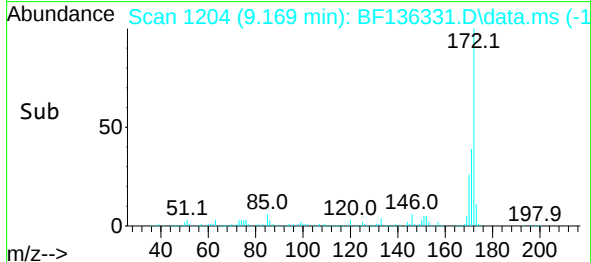
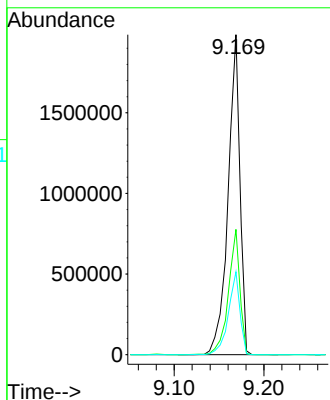
Tgt Ion:172 Resp: 1825558
Ion Ratio Lower Upper
172 100
171 39.2 31.5 47.3
170 25.9 20.8 31.2

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

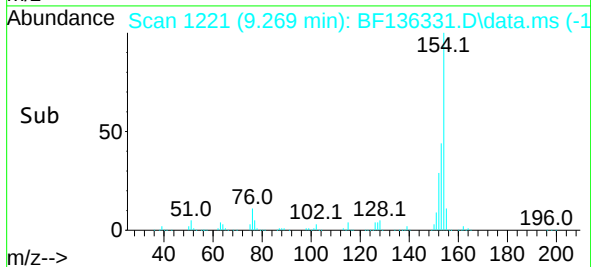
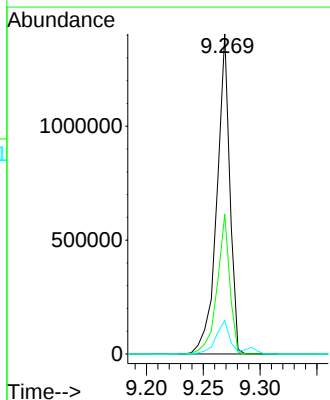
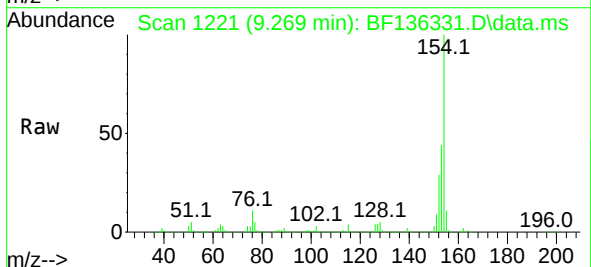
Supervised By :mohammad
ahmed
12/05/2023

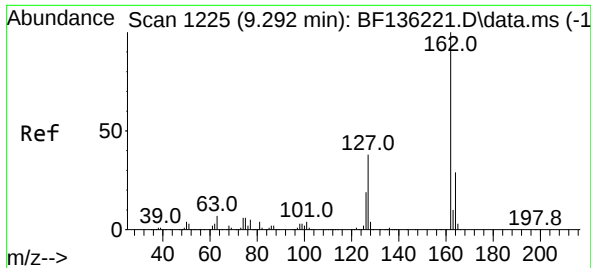
12/05/2023
Supervised By :mohammad
ahmed



#46
1,1'-Biphenyl
Concen: 38.979 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:154 Resp: 1113427
Ion Ratio Lower Upper
154 100
153 43.6 24.6 64.6
76 10.5 0.0 29.4





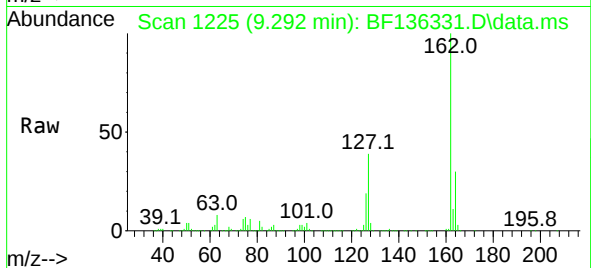
#47
2-Chloronaphthalene
Concen: 38.008 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:162 Resp: 843124
Ion Ratio Lower Upper
162 100
127 39.1 30.2 45.2
164 29.7 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

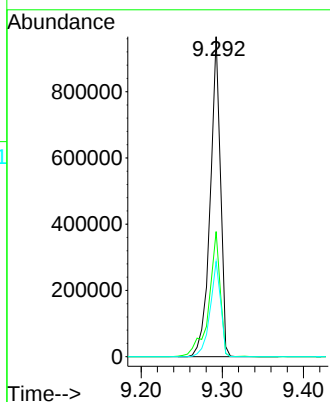
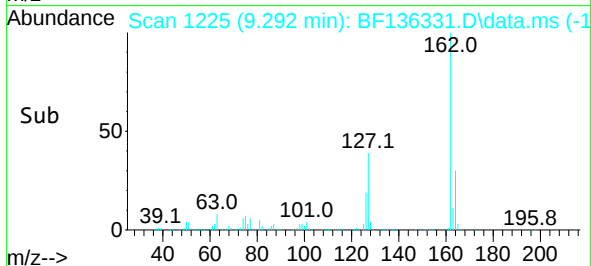
ahmed

12/05/2023

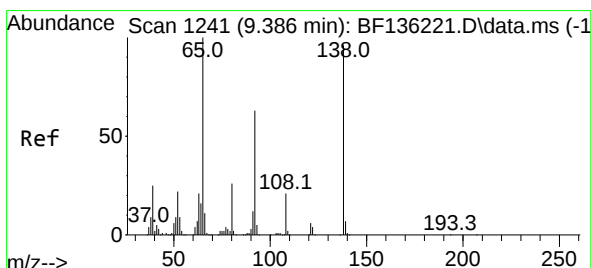
12/05/2023

Supervised By :mohammad

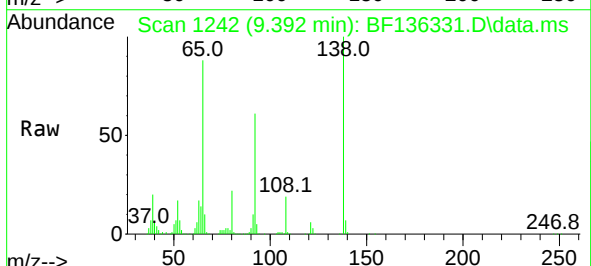
ahmed



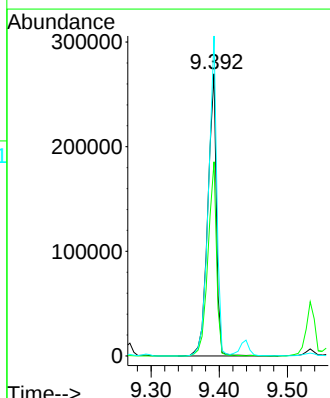
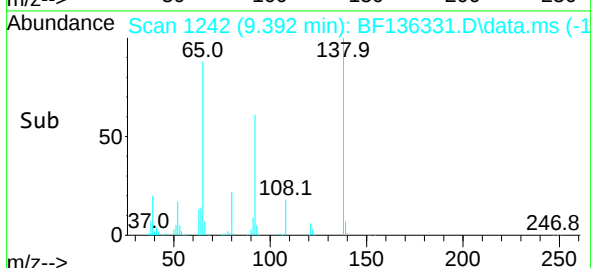
12/05/2023

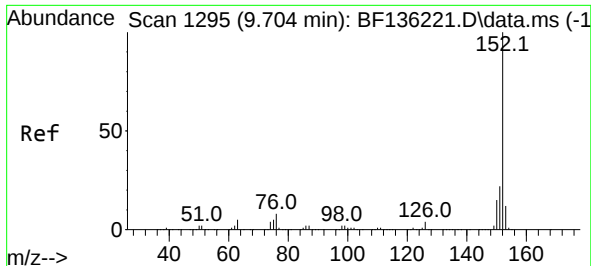


#48
2-Nitroaniline
Concen: 41.010 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion: 65 Resp: 237511
Ion Ratio Lower Upper
65 100
92 68.8 50.6 75.8
138 113.4 76.7 115.1





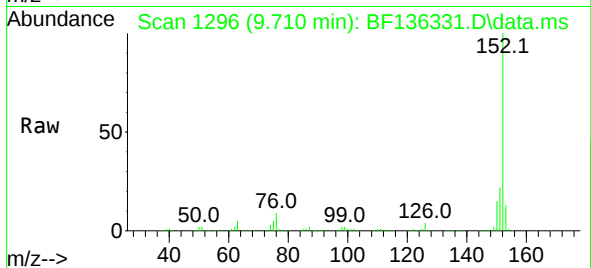
#49
Acenaphthylene
Concen: 41.106 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:152 Resp: 1301278
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3
153 12.5 9.6 14.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

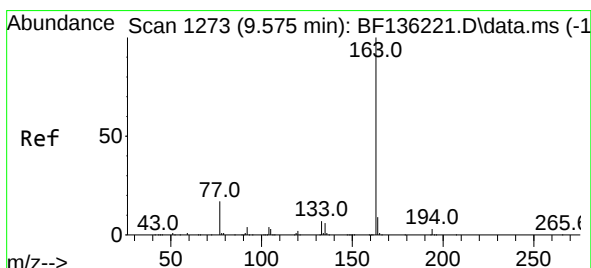
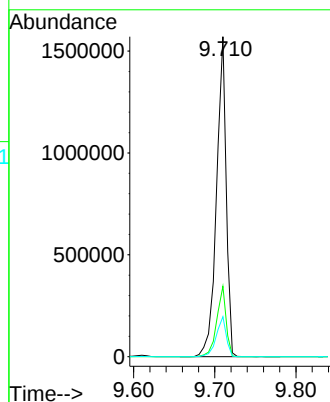
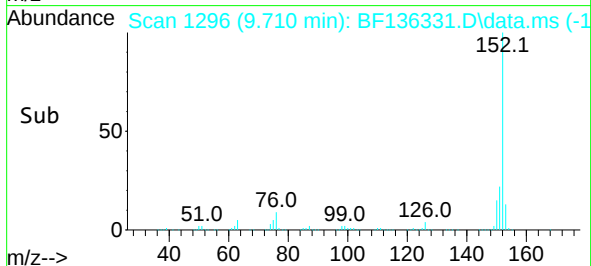
ahmed

12/05/2023

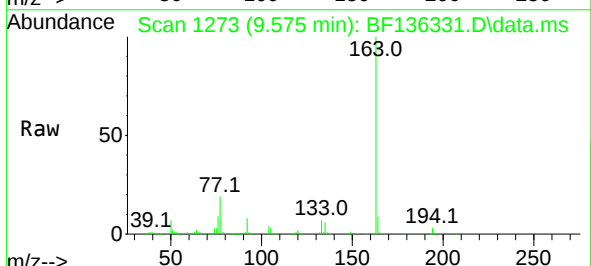
12/05/2023

Supervised By :mohammad

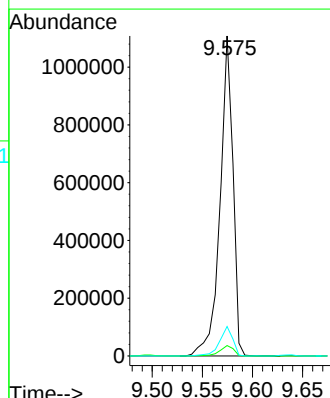
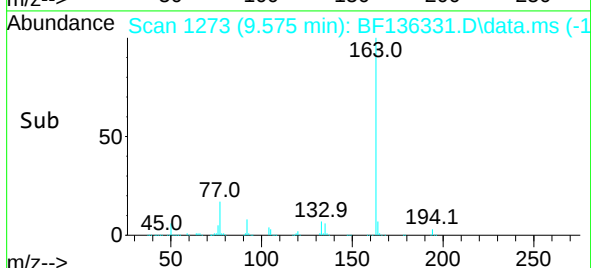
ahmed

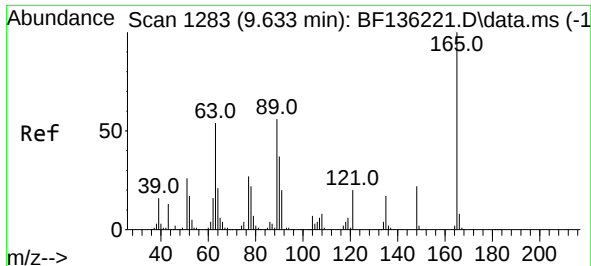


#50
Dimethylphthalate
Concen: 40.279 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion:163 Resp: 986134
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.2 7.0 10.6





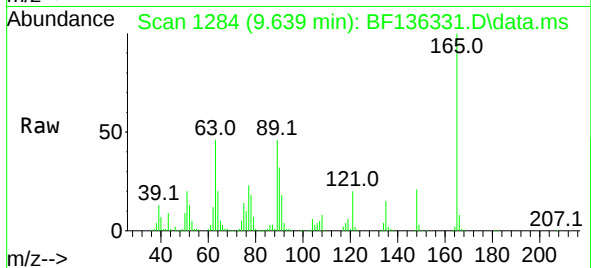
#51
2,6-Dinitrotoluene
Concen: 41.333 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:165 Resp: 206730
Ion Ratio Lower Upper
165 100
63 45.8 46.2 69.2
89 46.3 44.9 67.3

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

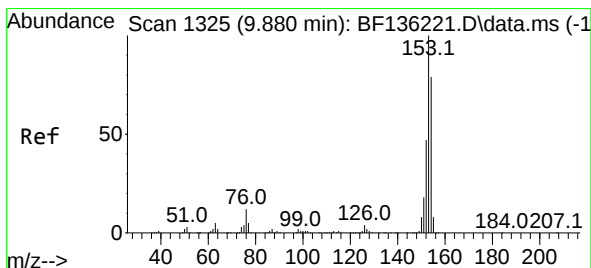
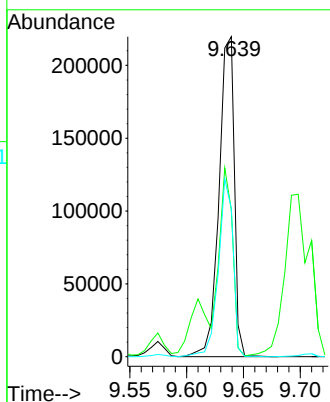
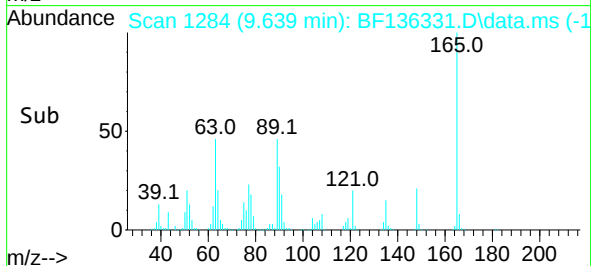
ahmed

12/05/2023

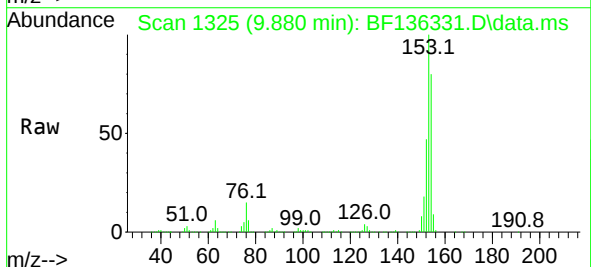
12/05/2023

Supervised By :mohammad

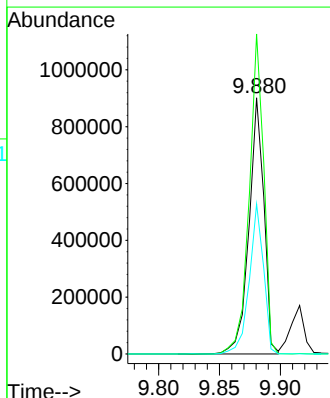
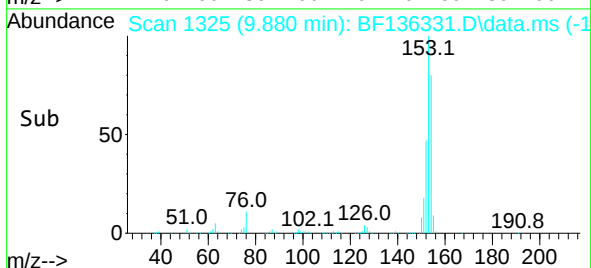
ahmed

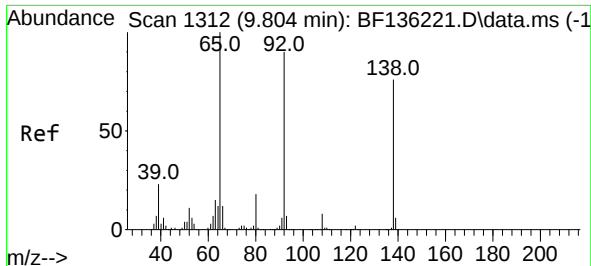


#52
Acenaphthene
Concen: 38.444 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion:154 Resp: 769084
Ion Ratio Lower Upper
154 100
153 124.9 100.8 151.2
152 58.5 47.0 70.6





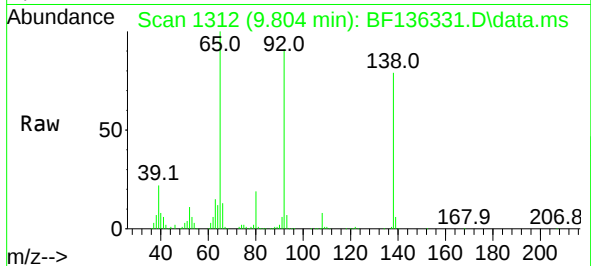
#53
3-Nitroaniline
Concen: 32.570 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



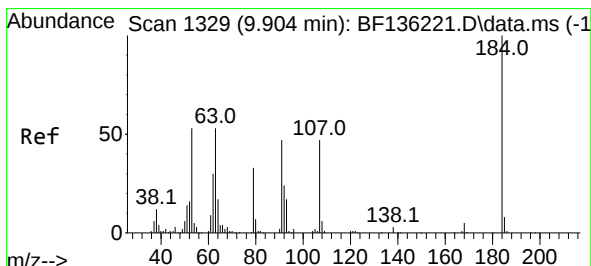
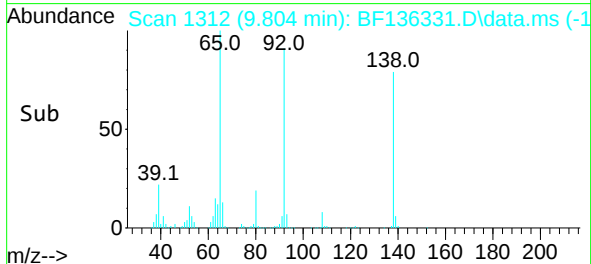
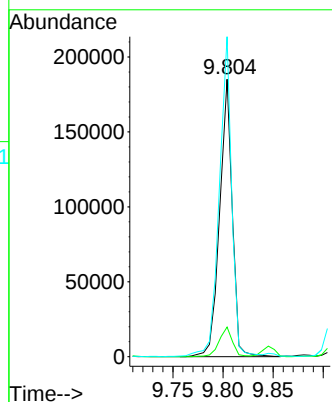
Tgt Ion:138 Resp: 16163
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 115.3 94.2 141.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

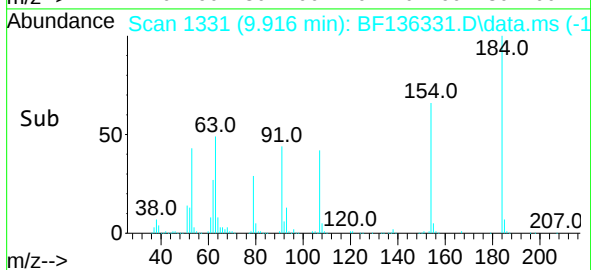
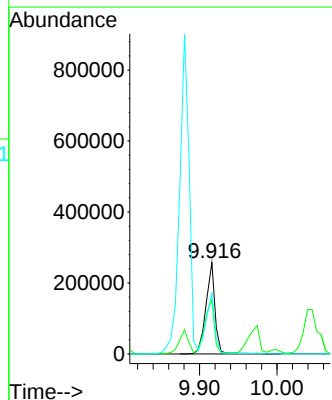
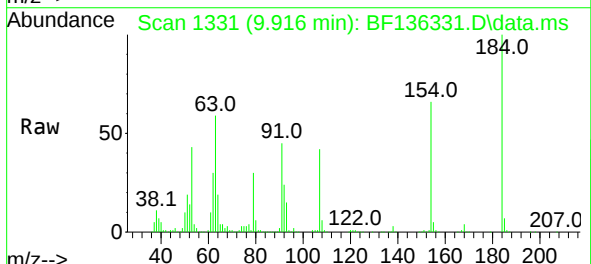
Supervised By :mohammad
ahmed
12/05/2023

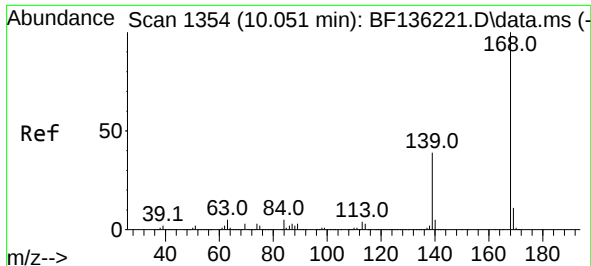
12/05/2023
Supervised By :mohammad
ahmed



#54
2,4-Dinitrophenol
Concen: 90.954 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:184 Resp: 211573
Ion Ratio Lower Upper
184 100
63 59.1 55.0 82.4
154 66.2 54.9 82.3





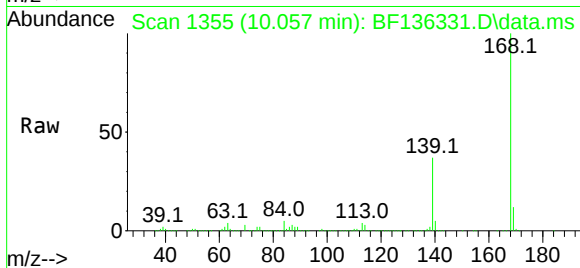
#55
Dibenzenofuran
Concen: 38.941 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:168 Resp: 1159230
Ion Ratio Lower Upper
168 100
139 37.0 30.9 46.3
169 11.8 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

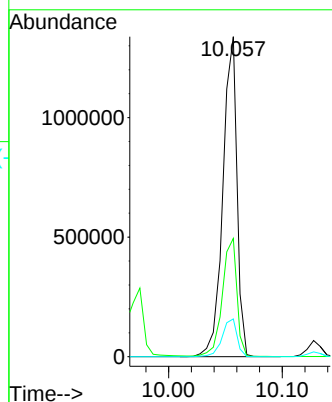
ahmed

12/05/2023

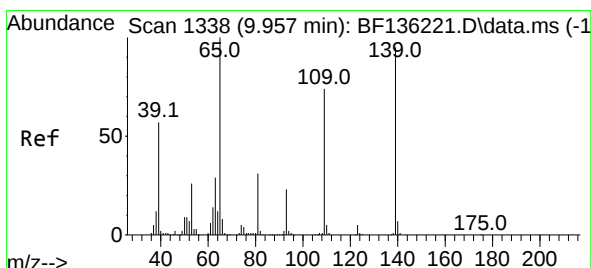
12/05/2023

Supervised By :mohammad

ahmed

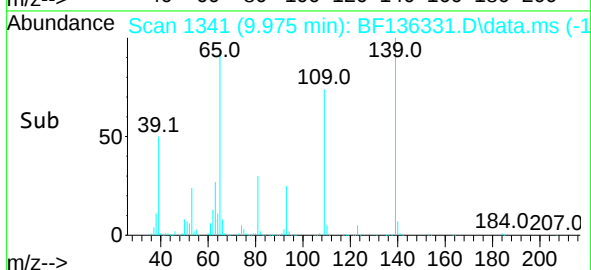
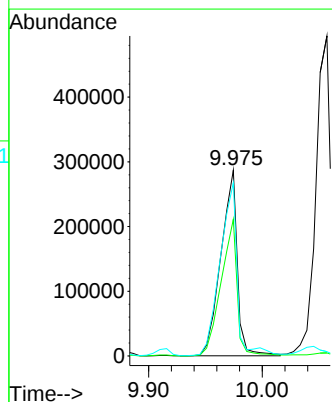
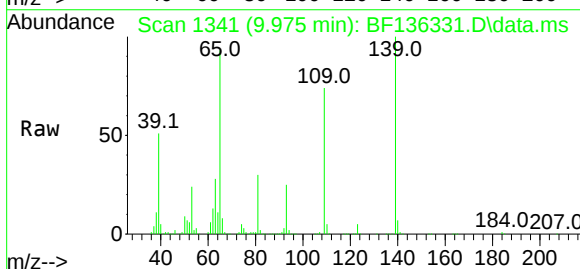


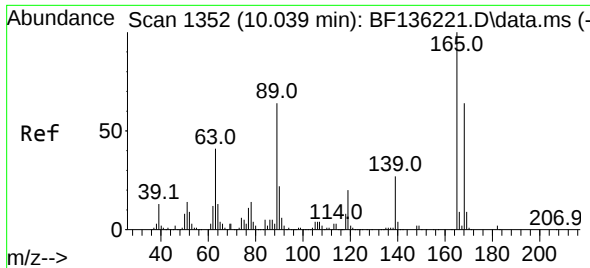
12/05/2023



#56
4-Nitrophenol
Concen: 76.978 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:139 Resp: 290144
Ion Ratio Lower Upper
139 100
109 73.6 57.8 97.8
65 93.2 86.0 126.0





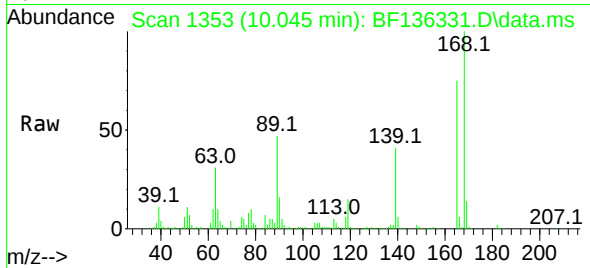
#57
2,4-Dinitrotoluene
Concen: 40.820 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:165 Resp: 272719
Ion Ratio Lower Upper
165 100
63 41.7 33.0 49.4
89 62.4 51.5 77.3
182 2.3 1.9 2.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

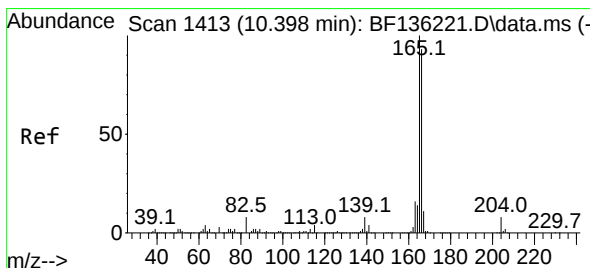
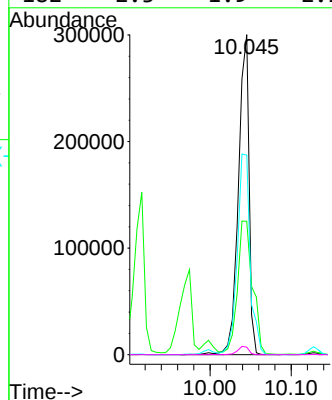
ahmed

12/05/2023

12/05/2023

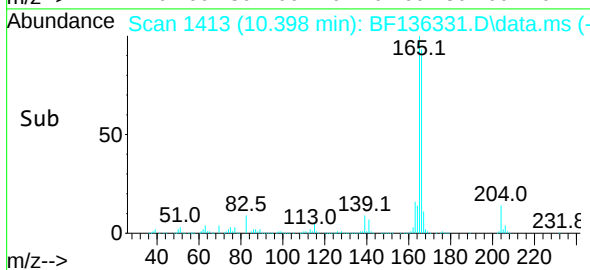
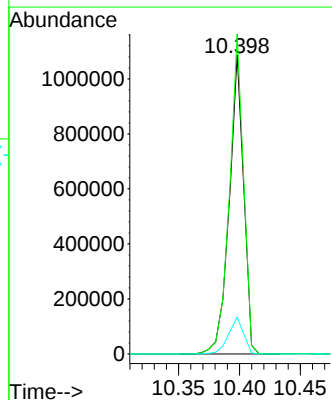
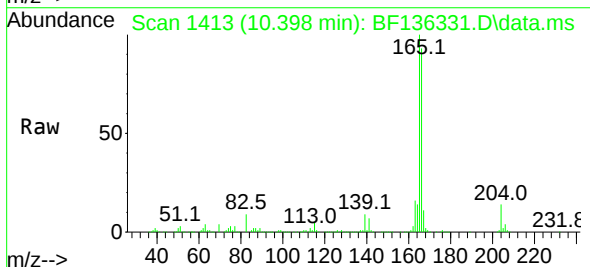
Supervised By :mohammad

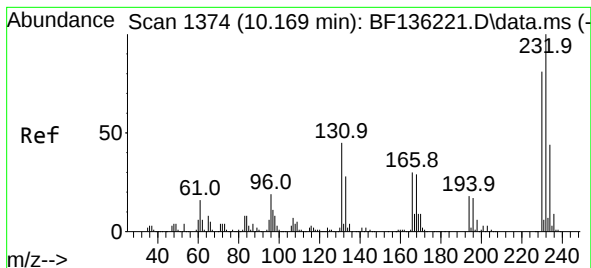
ahmed



#58
Fluorene
Concen: 38.500 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:166 Resp: 898970
Ion Ratio Lower Upper
166 100
165 107.0 86.2 129.4
167 12.2 9.1 13.7





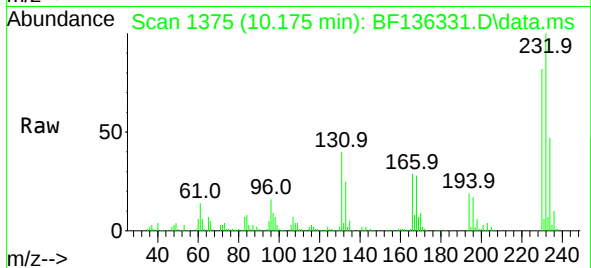
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.119 ng
RT: 10.175 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:232 Resp: 23889
Ion Ratio Lower Upper
232 100
131 43.1 36.4 54.6
130 2.5 1.9 2.9
166 30.5 23.9 35.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

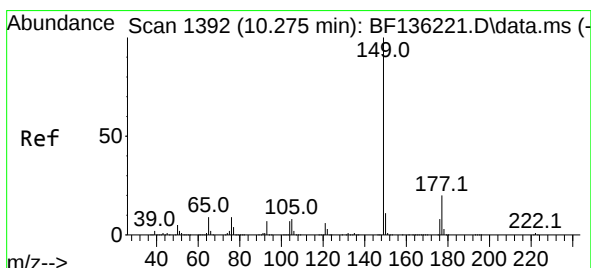
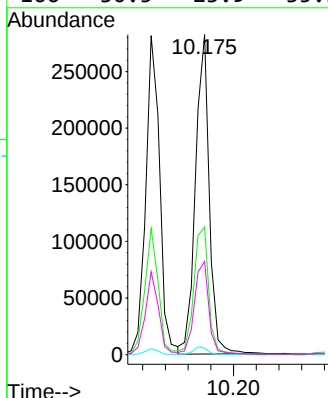
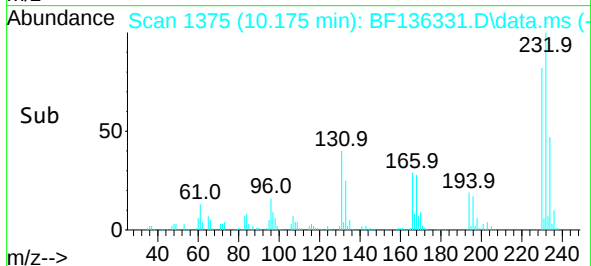
ahmed

12/05/2023

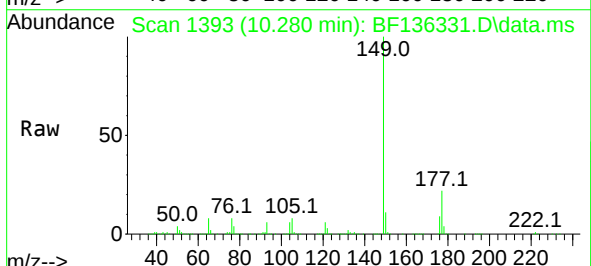
12/05/2023

Supervised By :mohammad

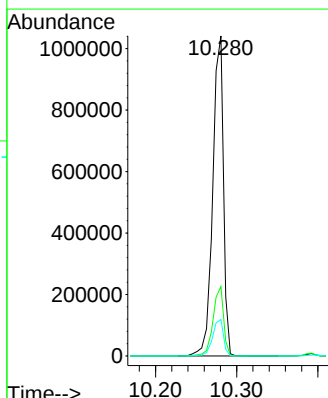
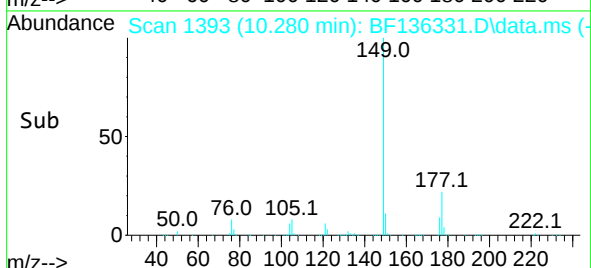
ahmed

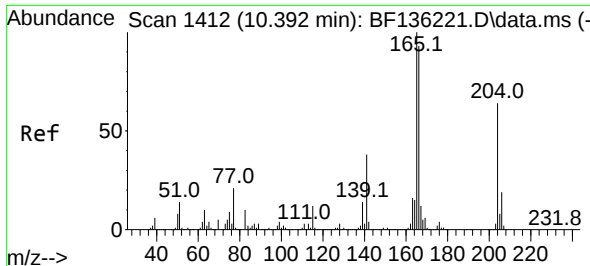


#60
Diethylphthalate
Concen: 38.753 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion:149 Resp: 949064
Ion Ratio Lower Upper
149 100
177 21.7 15.8 23.6
150 11.4 8.8 13.2





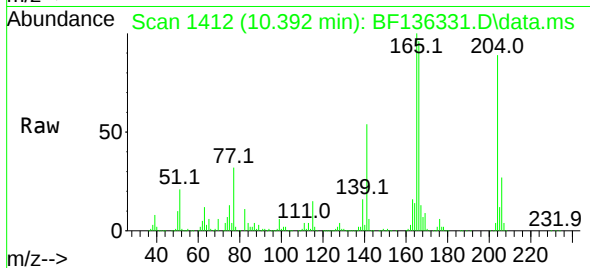
#61
4-Chlorophenyl-phenylether
Concen: 38.263 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



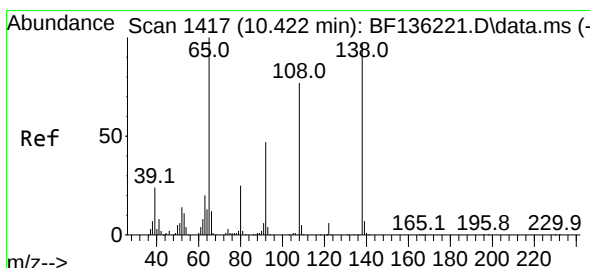
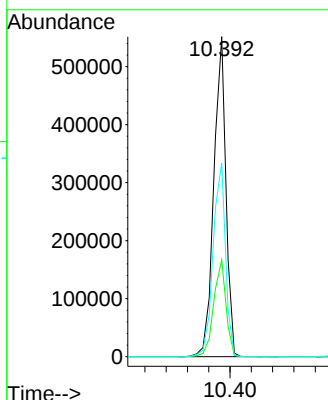
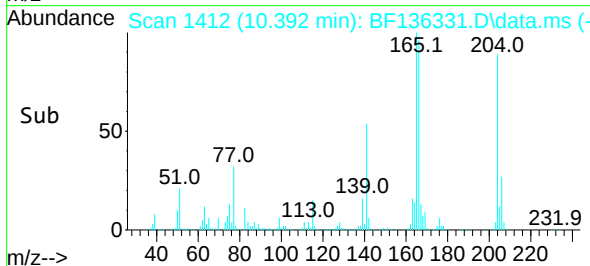
Tgt Ion:204 Resp: 43388
Ion Ratio Lower Upper
204 100
206 30.3 23.4 35.0
141 60.6 47.6 71.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

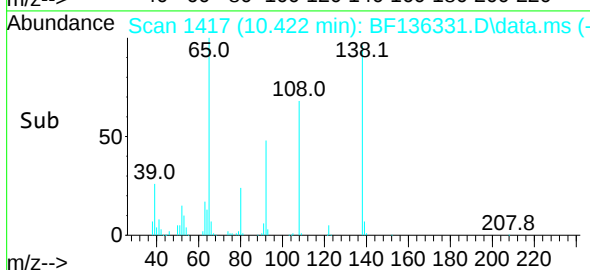
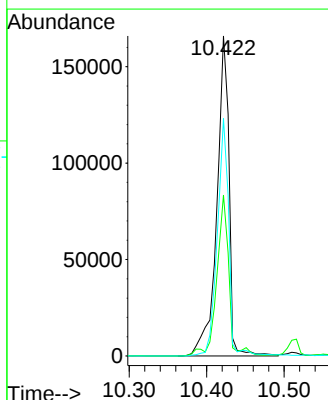
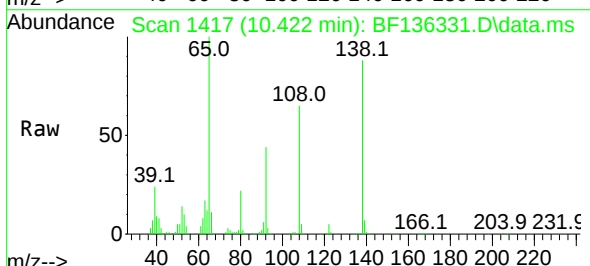
Supervised By :mohammad
ahmed
12/05/2023

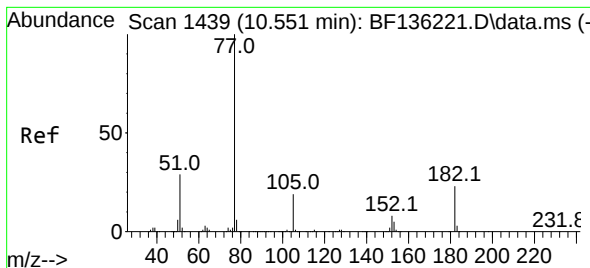
12/05/2023
Supervised By :mohammad
ahmed



#62
4-Nitroaniline
Concen: 37.454 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

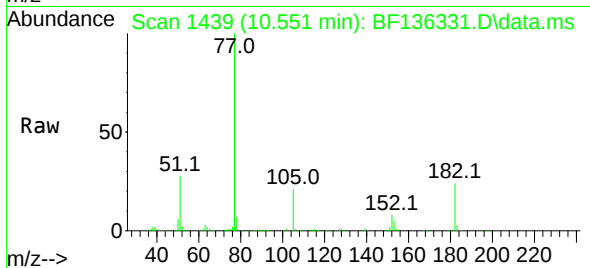
Tgt Ion:138 Resp: 181941
Ion Ratio Lower Upper
138 100
92 50.3 28.5 68.5
108 74.2 59.8 99.8





#63
Azobenzene
Concen: 37.744 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



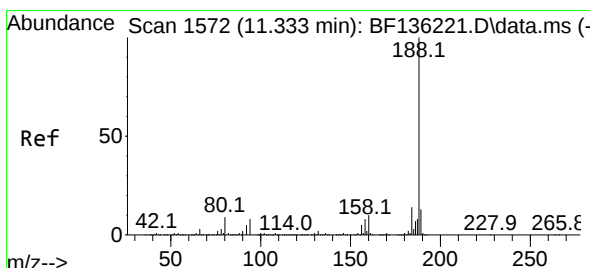
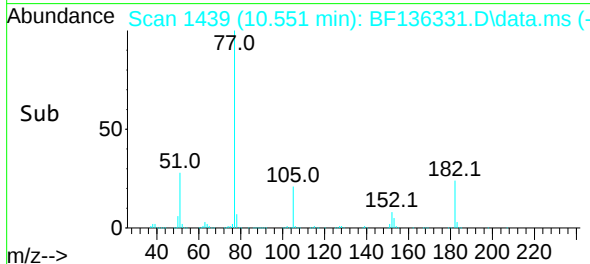
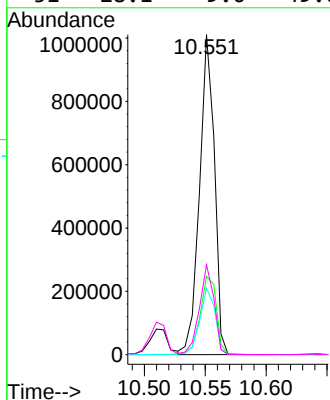
Tgt Ion: 77 Resp: 856950
Ion Ratio Lower Upper
77 100
182 24.4 3.3 43.3
105 20.8 0.0 39.5
51 28.1 9.0 49.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

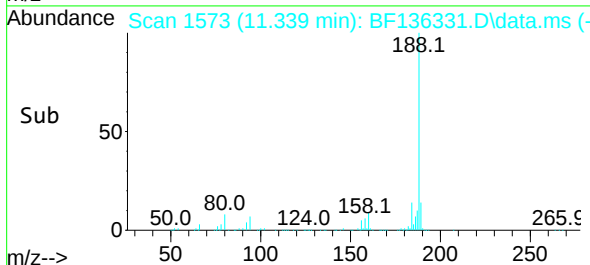
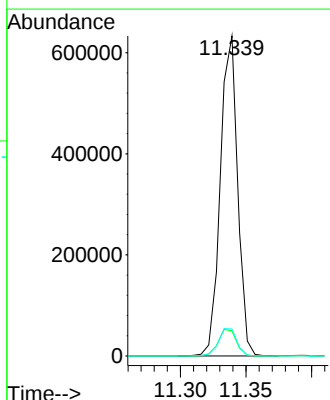
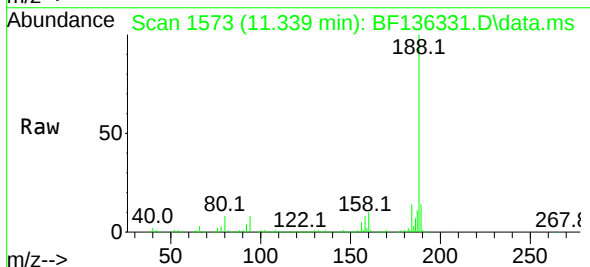
Supervised By :mohammad
ahmed
12/05/2023

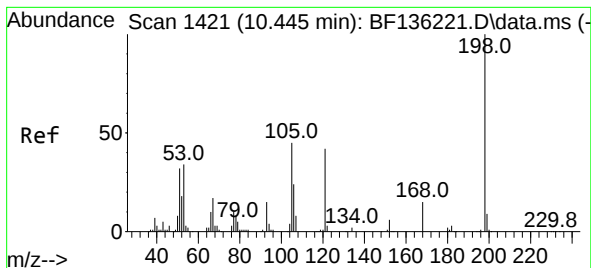
12/05/2023
Supervised By :mohammad
ahmed



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

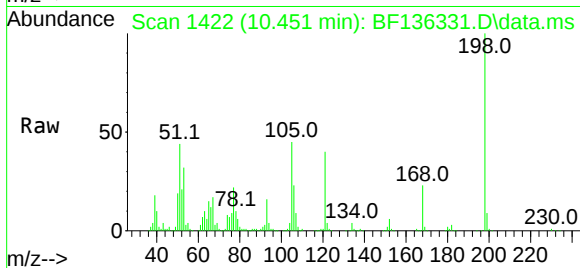
Tgt Ion:188 Resp: 581043
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.5 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 42.945 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



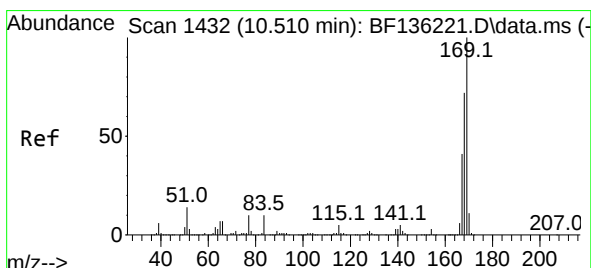
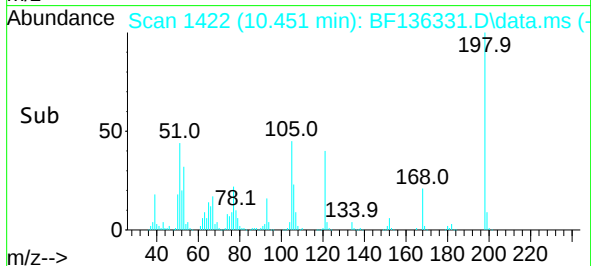
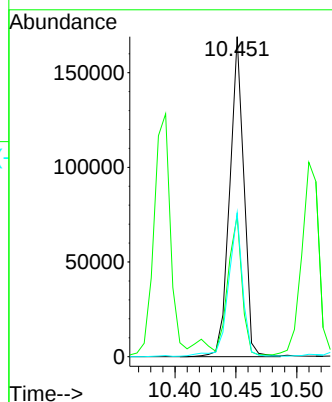
Tgt Ion:198 Resp: 136454
Ion Ratio Lower Upper
198 100
51 44.0 28.2 68.2
105 45.0 25.7 65.7

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

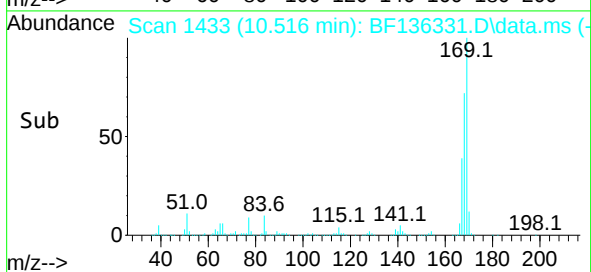
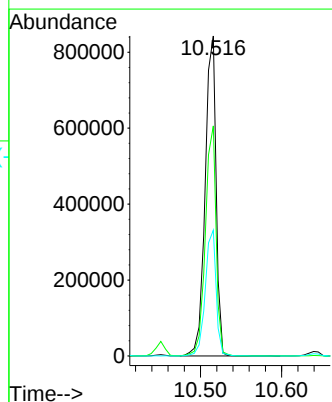
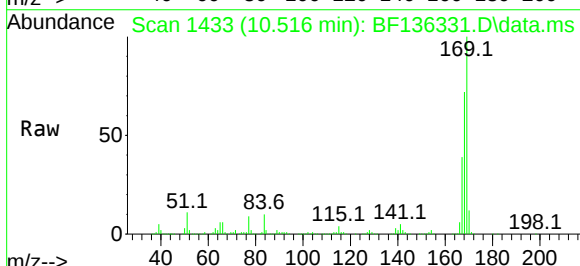
Supervised By :mohammad
ahmed
12/05/2023

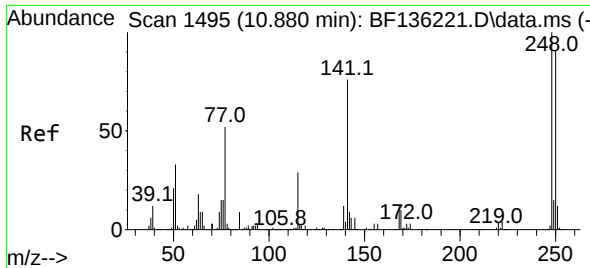
12/05/2023
Supervised By :mohammad
ahmed



#66
n-Nitrosodiphenylamine
Concen: 42.320 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:169 Resp: 788012
Ion Ratio Lower Upper
169 100
168 71.9 57.8 86.6
167 39.3 32.7 49.1





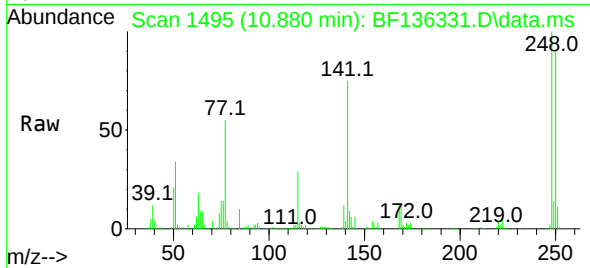
#67
4-Bromophenyl-phenylether
Concen: 41.569 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



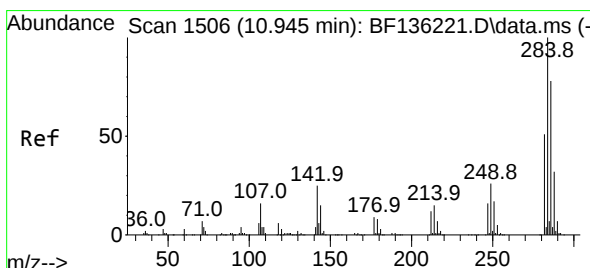
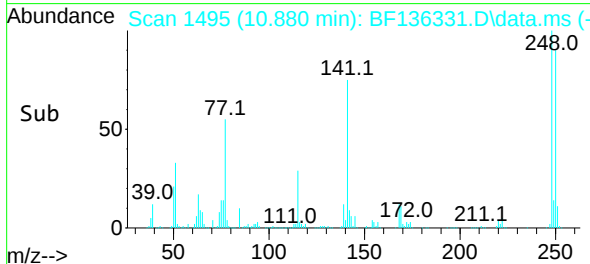
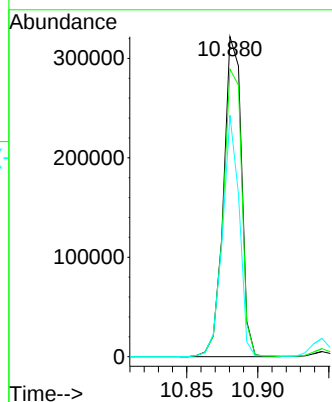
Tgt Ion:248 Resp: 281790
Ion Ratio Lower Upper
248 100
250 89.8 72.5 108.7
141 75.5 60.8 91.2

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

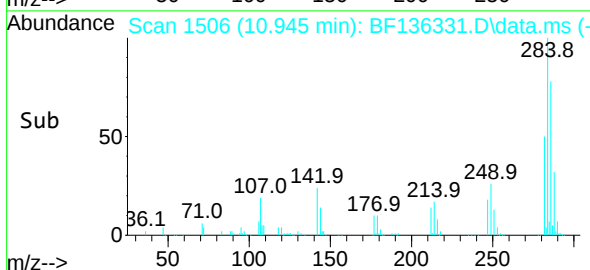
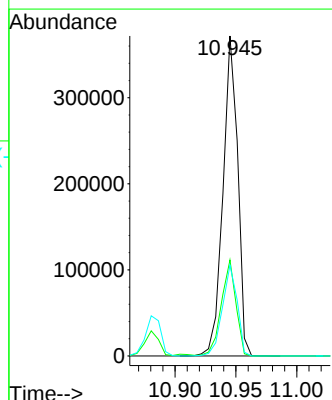
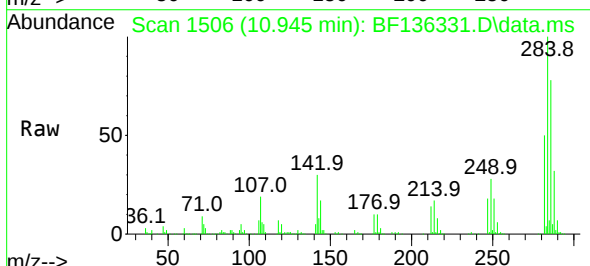
Supervised By :mohammad
ahmed
12/05/2023

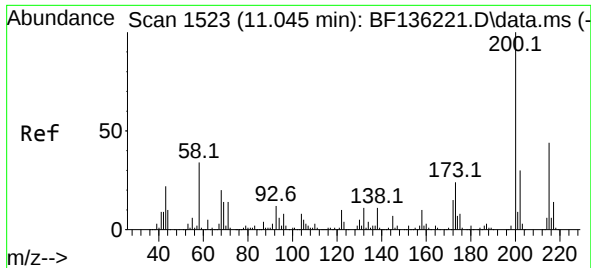
12/05/2023
Supervised By :mohammad
ahmed



#68
Hexachlorobenzene
Concen: 39.981 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

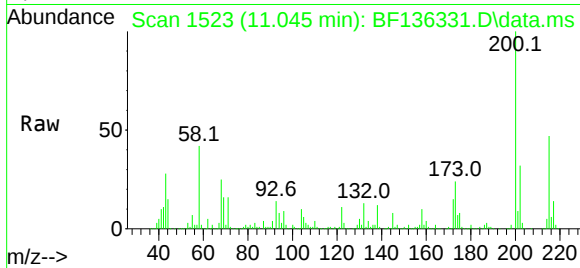
Tgt Ion:284 Resp: 313673
Ion Ratio Lower Upper
284 100
142 30.0 19.8 29.8#
249 28.4 21.0 31.4





#69
 Atrazine
 Concen: 40.676 ng
 RT: 11.045 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: BF136331.D
 Acq: 01 Dec 2023 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BS



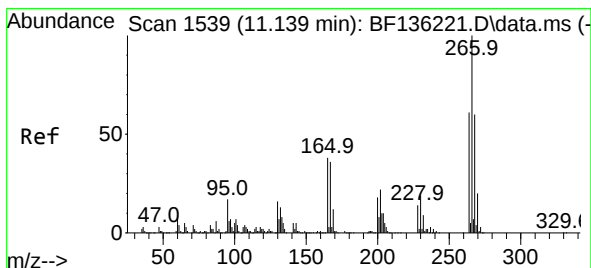
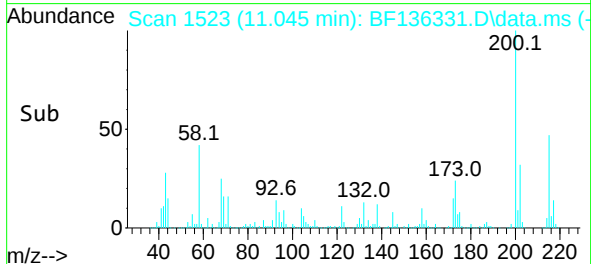
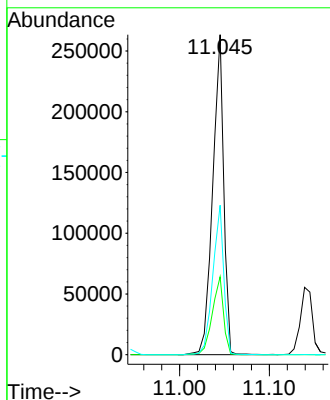
Tgt Ion:200 Resp: 224679
 Ion Ratio Lower Upper
 200 100
 173 24.4 4.3 44.3
 215 46.7 23.8 63.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 12/05/2023

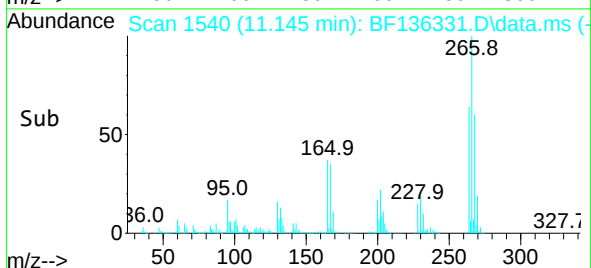
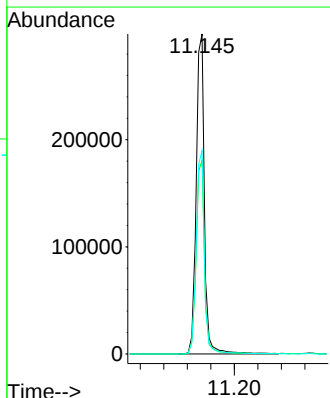
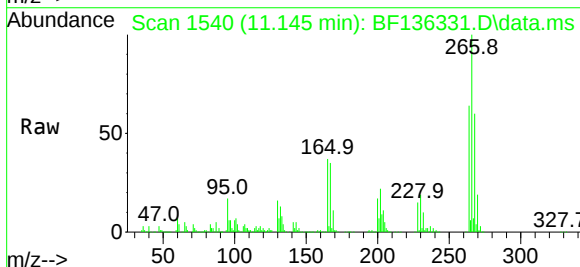
Supervised By :mohammad
 ahmed
 12/05/2023

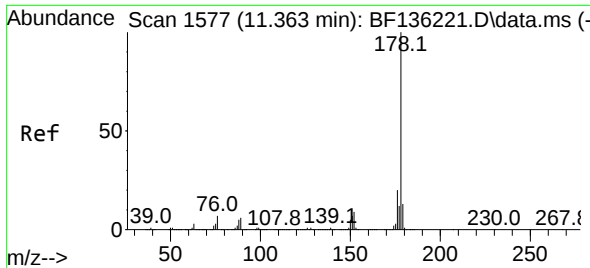
12/05/2023
 Supervised By :mohammad
 ahmed



#70
 Pentachlorophenol
 Concen: 65.297 ng
 RT: 11.145 min Scan# 1540
 Delta R.T. 0.006 min
 Lab File: BF136331.D
 Acq: 01 Dec 2023 11:36

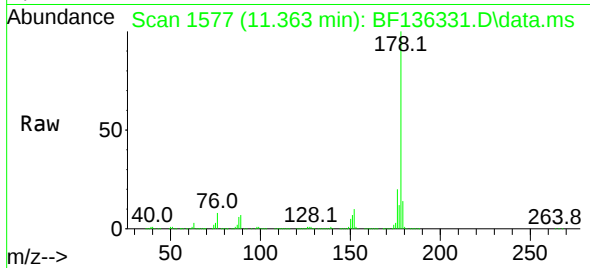
Tgt Ion:266 Resp: 289577
 Ion Ratio Lower Upper
 266 100
 268 60.5 47.9 71.9
 264 63.5 49.1 73.7





#71
Phenanthrene
Concen: 40.896 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :
BNA_F
ClientSampleId :
PB157389BS



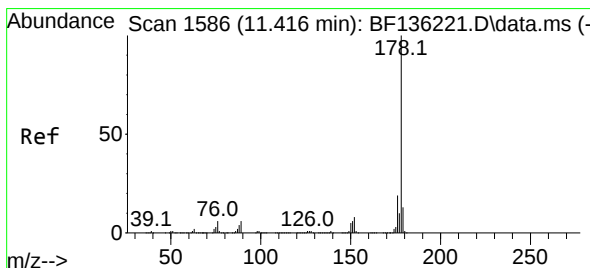
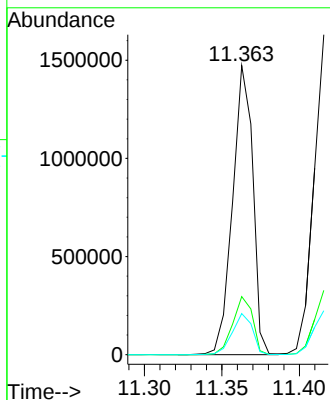
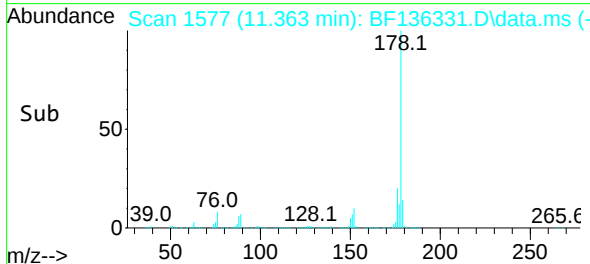
Tgt Ion:178 Resp: 1335558
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 14.3 10.3 15.5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

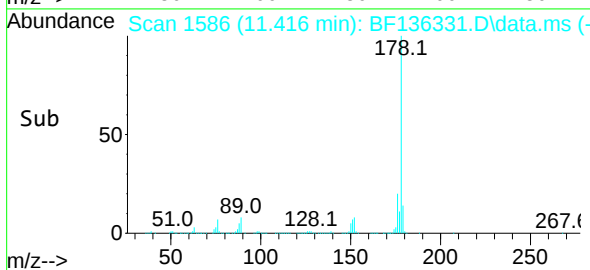
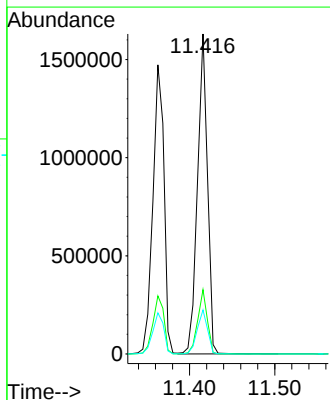
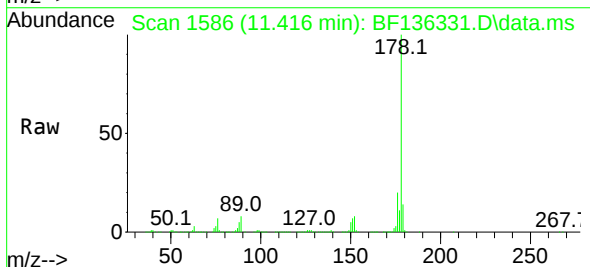
Supervised By :mohammad
ahmed
12/05/2023

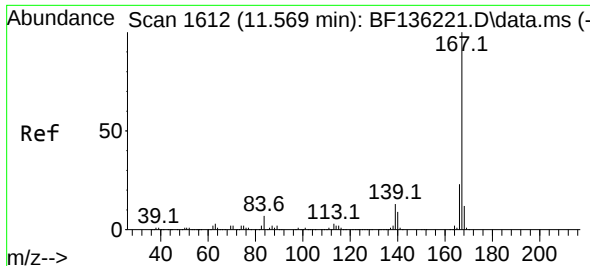
12/05/2023
Supervised By :mohammad
ahmed



#72
Anthracene
Concen: 40.569 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

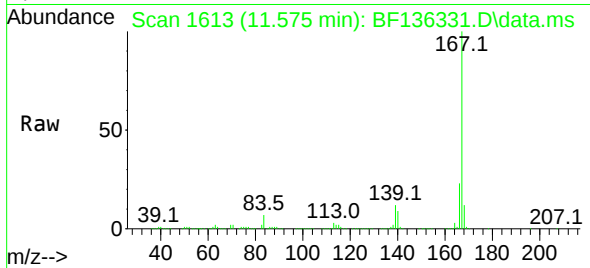
Tgt Ion:178 Resp: 1328606
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 13.8 10.5 15.7





#73
 Carbazole
 Concen: 38.321 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.006 min
 Lab File: BF136331.D
 Acq: 01 Dec 2023 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BS



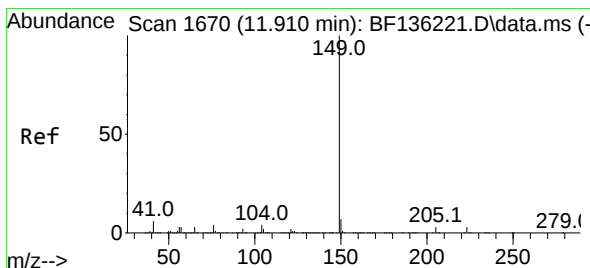
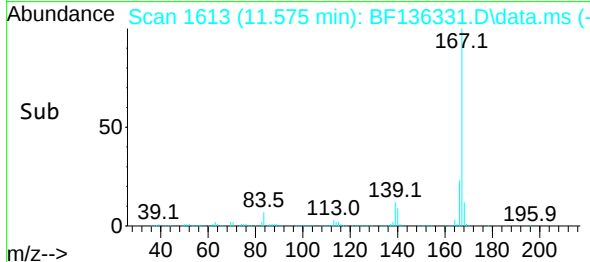
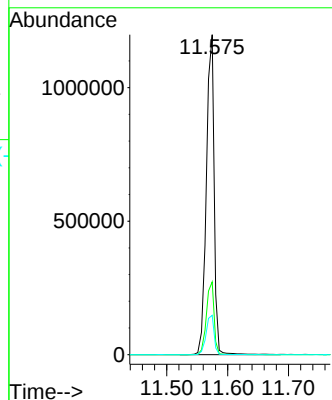
Tgt Ion:167 Resp: 106736
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.4 27.6
 139 12.3 10.5 15.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 12/05/2023

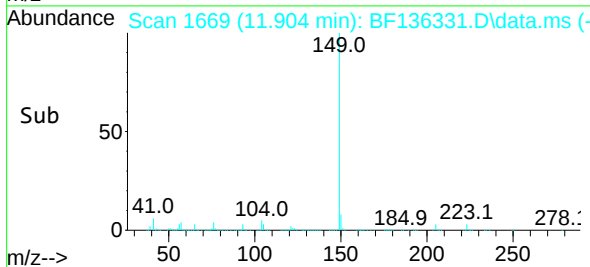
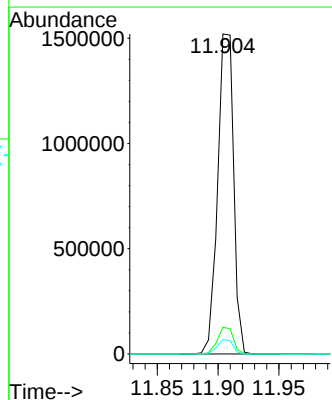
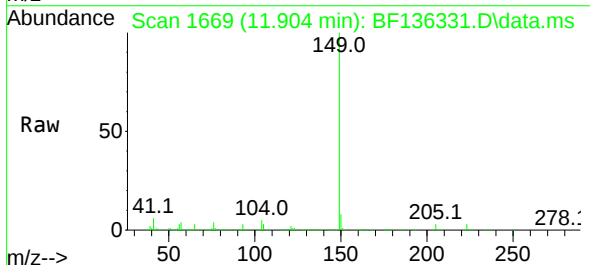
Supervised By :mohammad
 ahmed
 12/05/2023

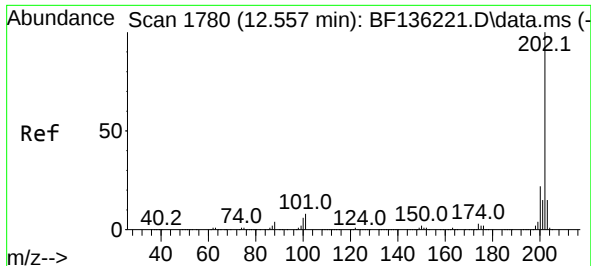
12/05/2023
 Supervised By :mohammad
 ahmed



#74
 Di-n-butylphthalate
 Concen: 39.862 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136331.D
 Acq: 01 Dec 2023 11:36

Tgt Ion:149 Resp: 1389238
 Ion Ratio Lower Upper
 149 100
 150 8.3 6.0 9.0
 104 4.5 3.5 5.3





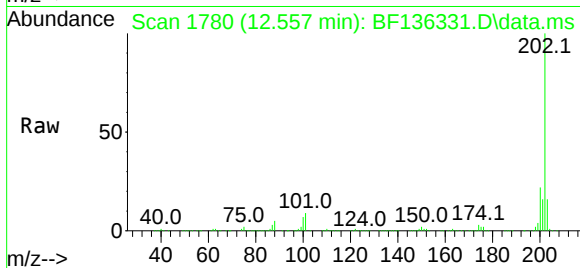
#75
Fluoranthene
Concen: 35.594 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNF_F

ClientSampleId :

PB157389BS



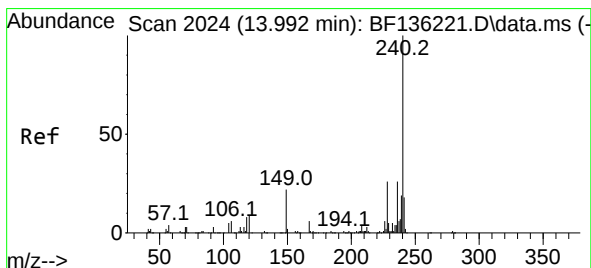
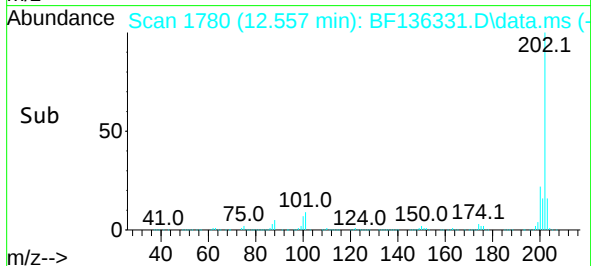
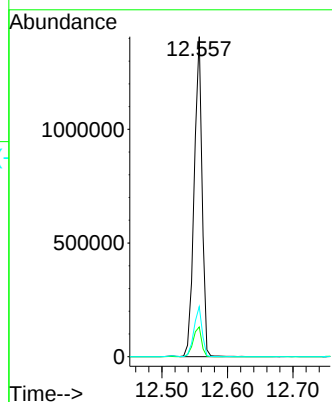
Tgt Ion:202 Resp: 118005
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.8
203 15.7 0.0 34.5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

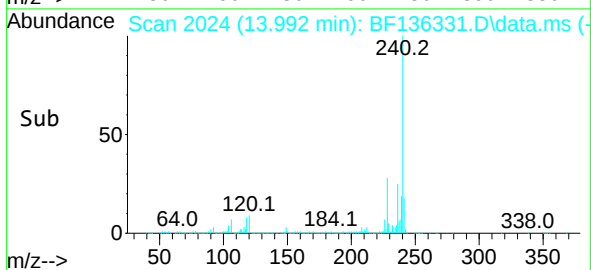
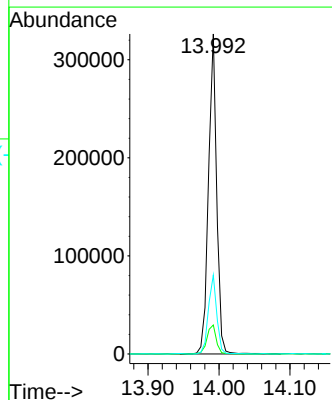
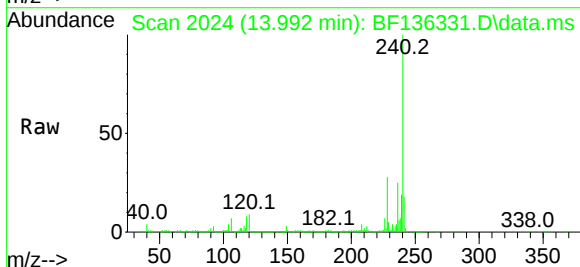
Supervised By :mohammad
ahmed
12/05/2023

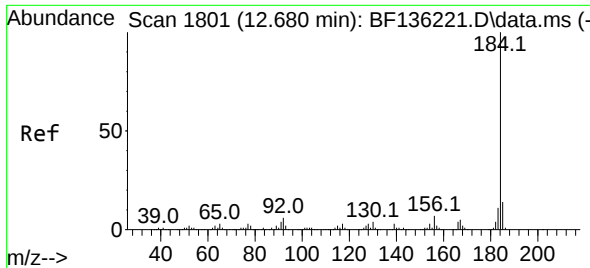
12/05/2023
Supervised By :mohammad
ahmed



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:240 Resp: 262829
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.2
236 24.7 21.1 31.7





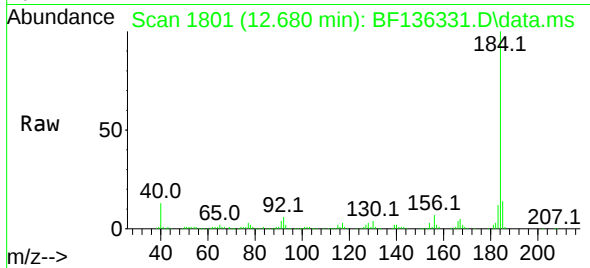
#77
Benzidine
Concen: 23.503 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



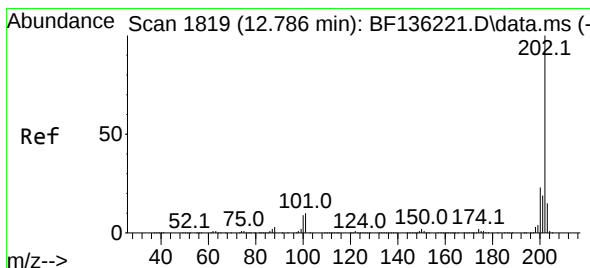
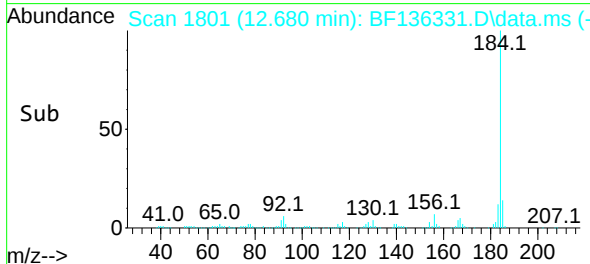
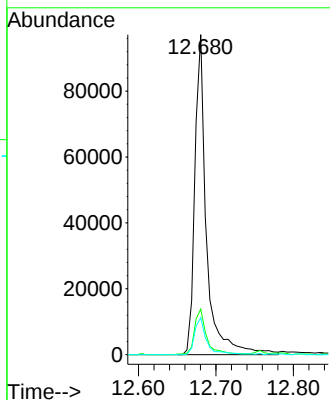
Tgt Ion:184 Resp: 101549
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.6
183 11.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

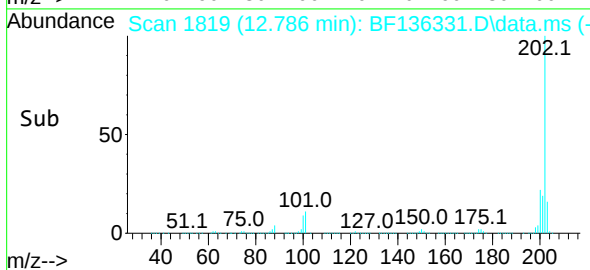
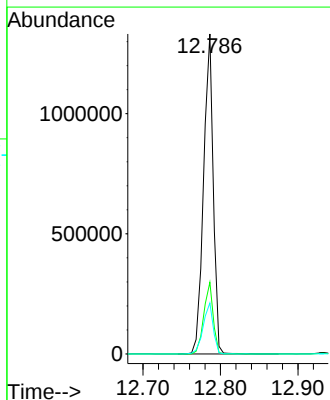
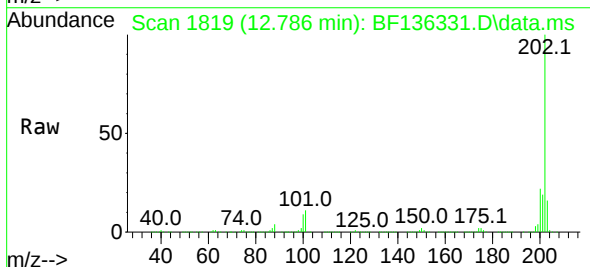
Supervised By :mohammad
ahmed
12/05/2023

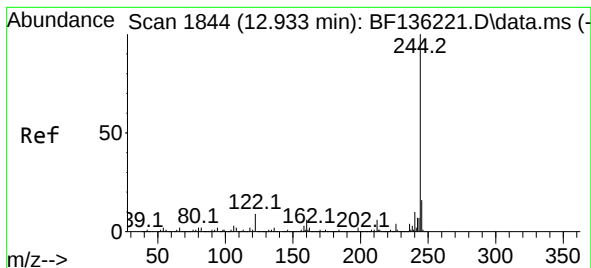
12/05/2023
Supervised By :mohammad
ahmed



#78
Pyrene
Concen: 40.077 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:202 Resp: 1153589
Ion Ratio Lower Upper
202 100
200 22.4 18.4 27.6
203 16.0 11.8 17.6





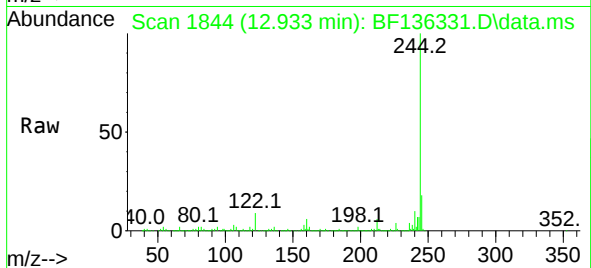
#79
Terphenyl-d14
Concen: 75.102 ng
RT: 12.933 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:244 Resp: 1711238
Ion Ratio Lower Upper
244 100
212 6.0 4.6 7.0
122 9.4 7.3 10.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

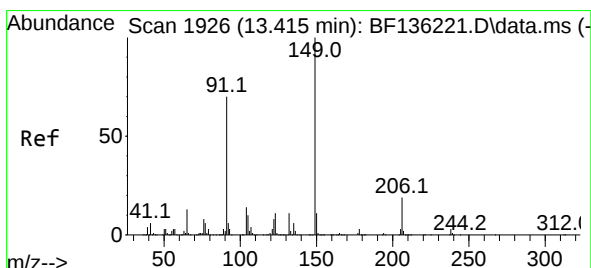
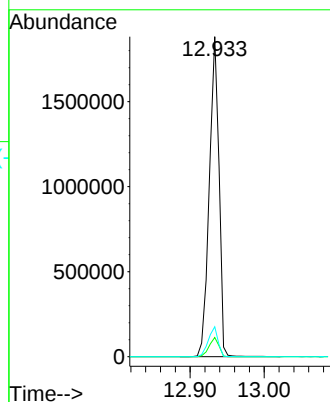
ahmed

12/05/2023

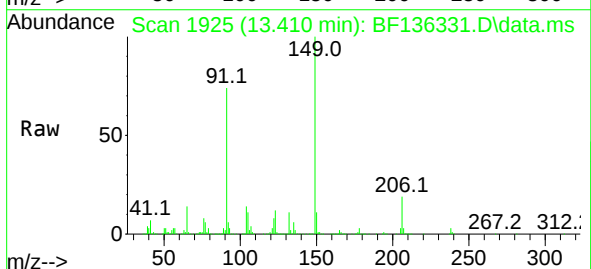
12/05/2023

Supervised By :mohammad

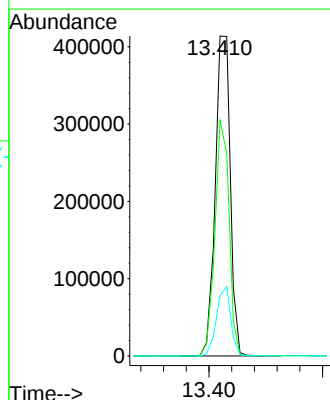
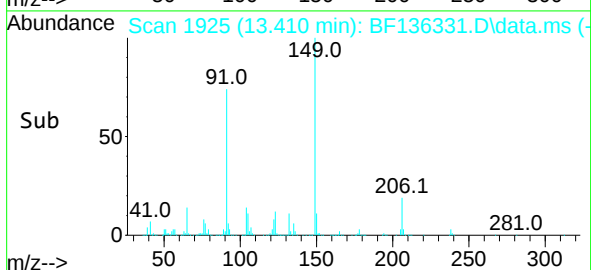
ahmed

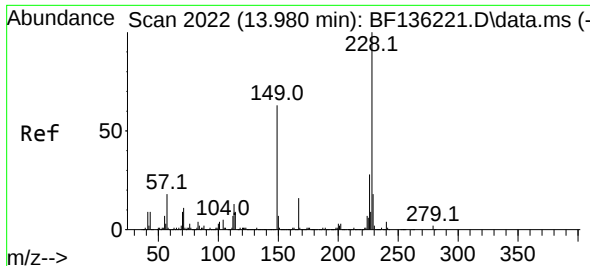


#80
Butylbenzylphthalate
Concen: 42.574 ng
RT: 13.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion:149 Resp: 381391
Ion Ratio Lower Upper
149 100
91 73.6 56.4 84.6
206 18.9 14.8 22.2





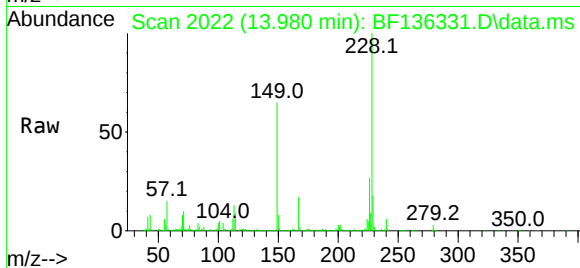
#81
Benzo(a)anthracene
Concen: 39.813 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



Tgt Ion:228 Resp: 77723
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 18.3 14.0 21.0

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

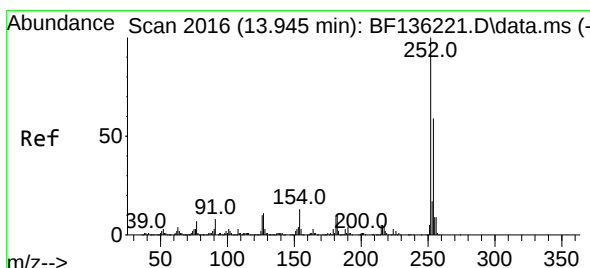
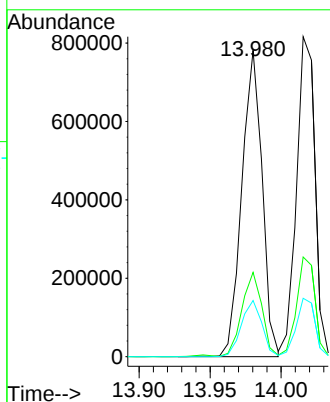
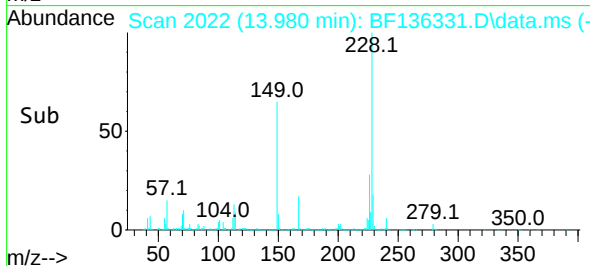
ahmed

12/05/2023

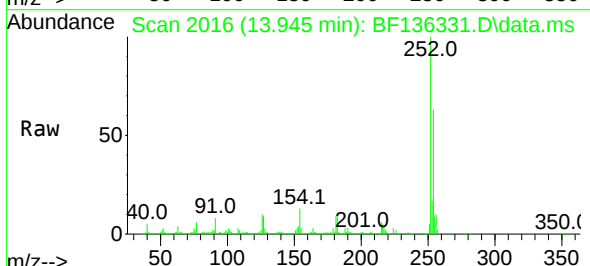
12/05/2023

Supervised By :mohammad

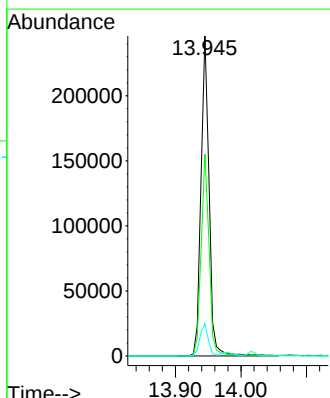
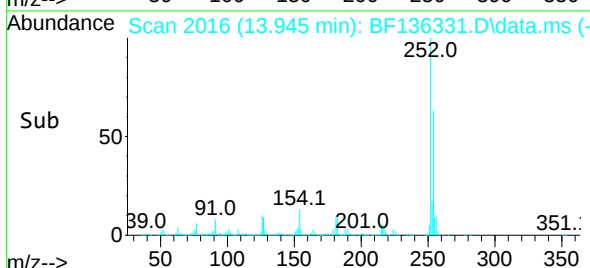
ahmed

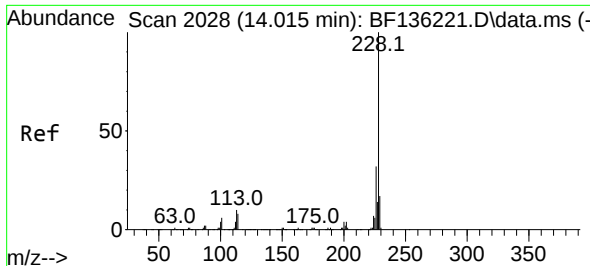


#82
3,3'-Dichlorobenzidine
Concen: 45.352 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36



Tgt Ion:252 Resp: 213123
Ion Ratio Lower Upper
252 100
254 63.1 47.4 71.2
126 10.2 8.3 12.5





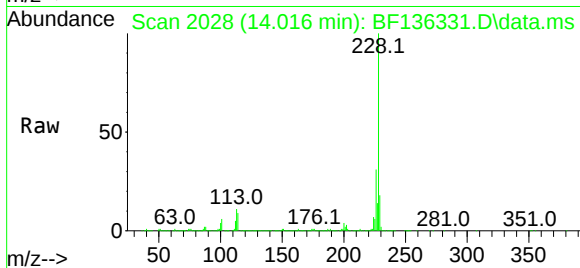
#83
Chrysene
Concen: 39.396 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



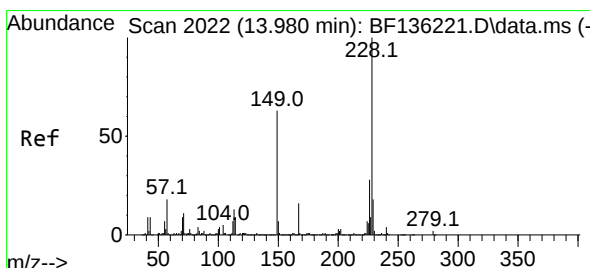
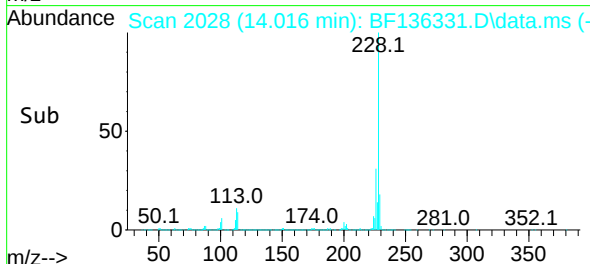
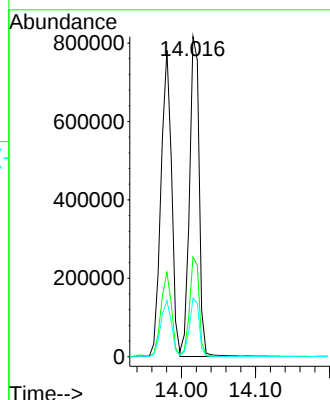
Tgt Ion:228 Resp: 742594
Ion Ratio Lower Upper
228 100
226 31.2 25.5 38.3
229 18.2 13.9 20.9

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

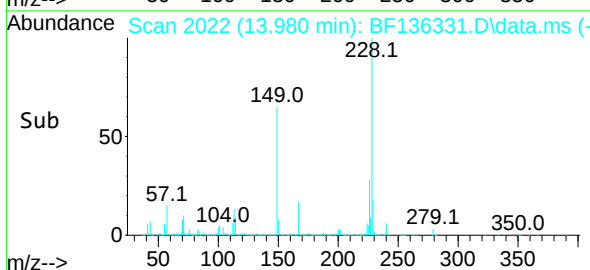
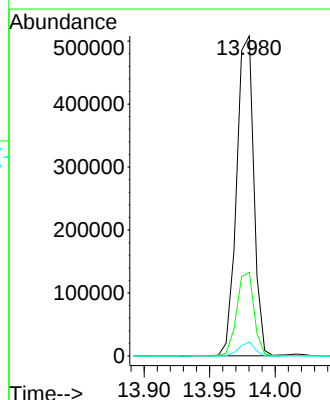
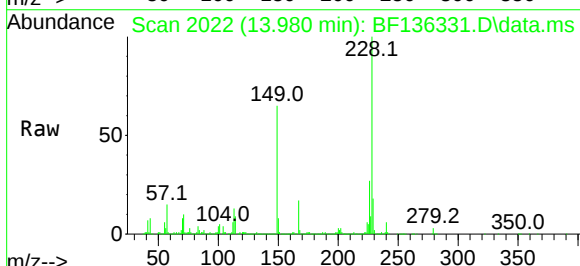
Supervised By :mohammad
ahmed
12/05/2023

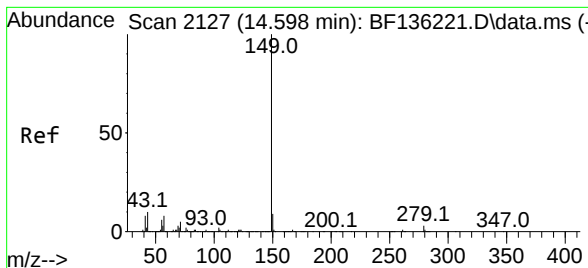
12/05/2023
Supervised By :mohammad
ahmed



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.285 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:149 Resp: 465364
Ion Ratio Lower Upper
149 100
167 26.2 20.2 30.2
279 4.4 2.4 3.6#





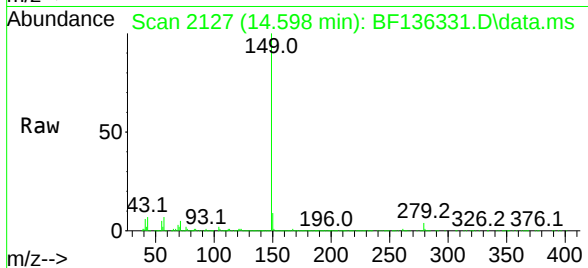
#85
Di-n-octyl phthalate
Concen: 47.672 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



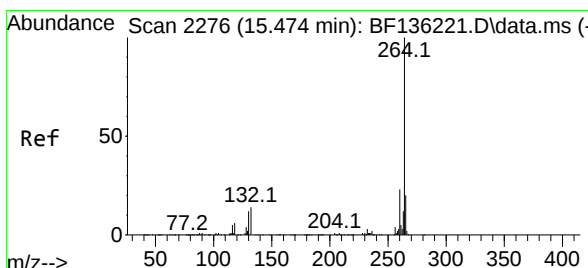
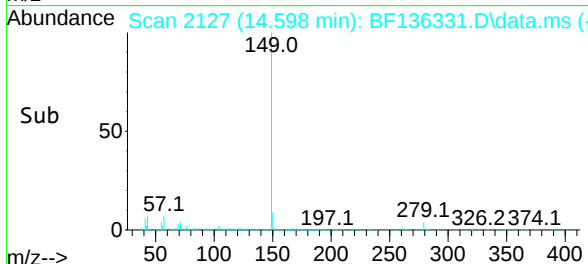
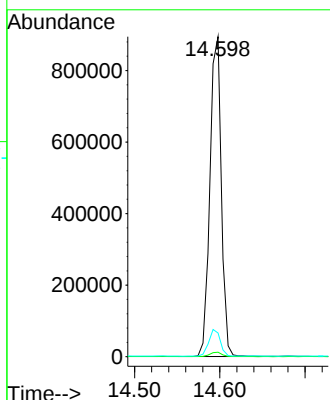
Tgt Ion:149 Resp: 831722
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 8.6 7.2 10.8

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

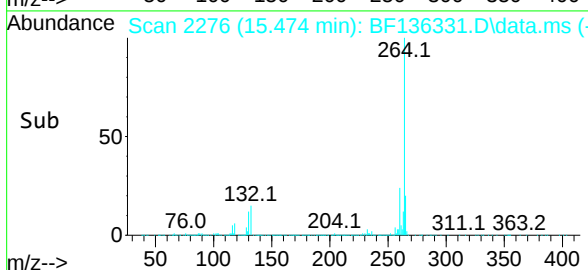
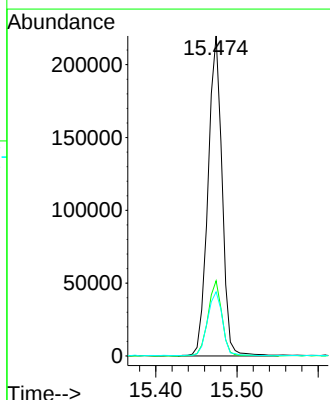
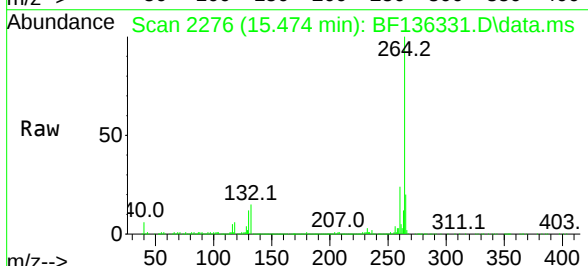
Supervised By :mohammad
ahmed
12/05/2023

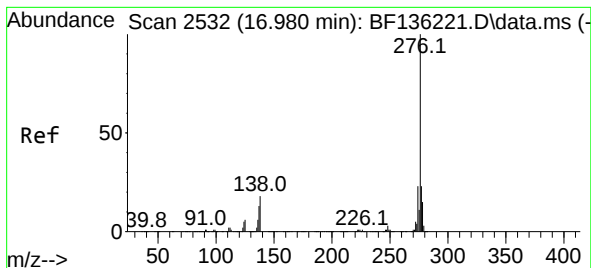
12/05/2023
Supervised By :mohammad
ahmed



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:264 Resp: 264176
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.1 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.357 ng

RT: 16.992 min Scan# 2532

Delta R.T. 0.012 min

Lab File: BF136331.D

Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Tgt Ion:276 Resp: 85074

Ion Ratio Lower Upper

276 100

138 22.8 17.7 26.5

277 24.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

12/05/2023

Supervised By :mohammad

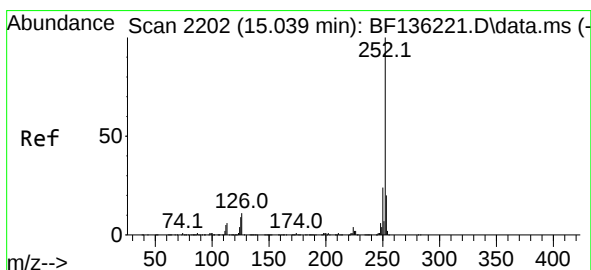
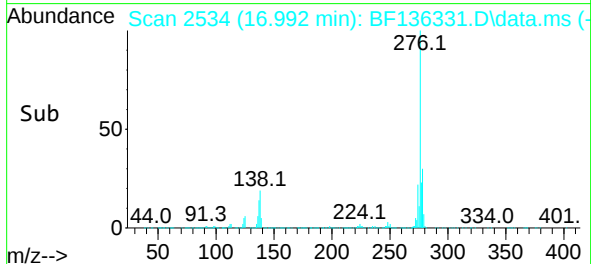
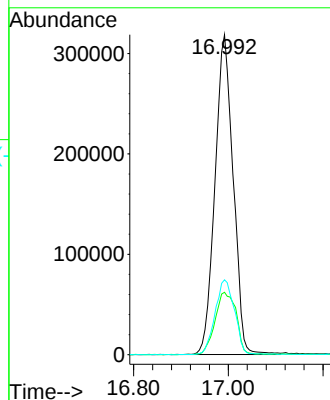
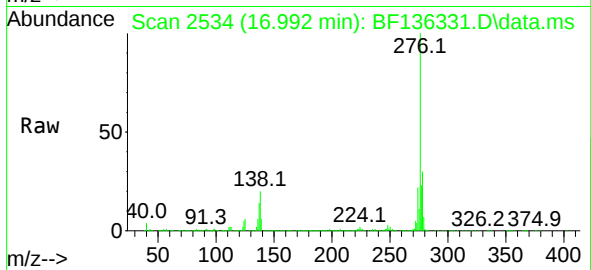
ahmed

12/05/2023

12/05/2023

Supervised By :mohammad

ahmed



#88

Benzo(b)fluoranthene

Concen: 42.692 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF136331.D

Acq: 01 Dec 2023 11:36

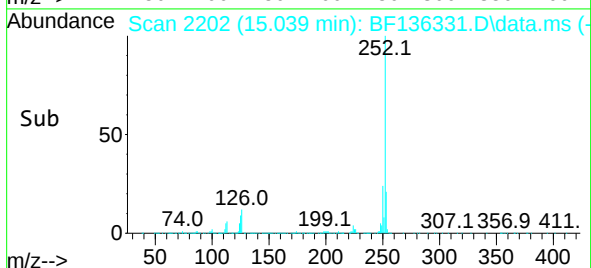
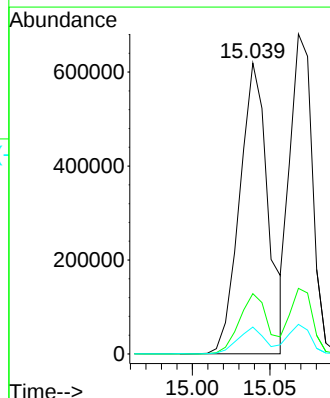
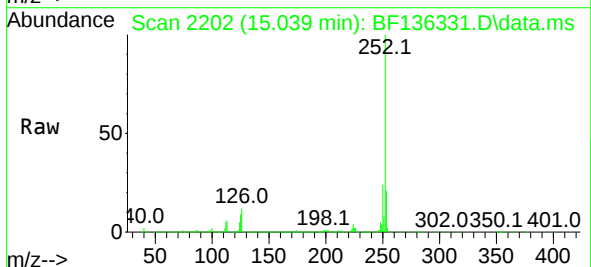
Tgt Ion:252 Resp: 791253

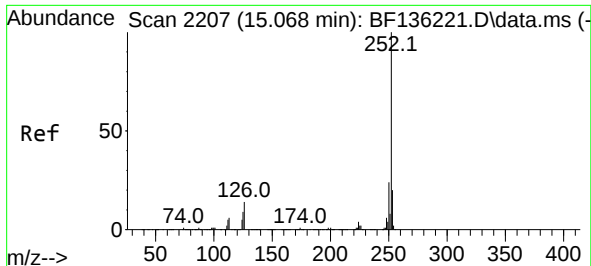
Ion Ratio Lower Upper

252 100

253 20.8 16.2 24.2

125 9.2 6.9 10.3





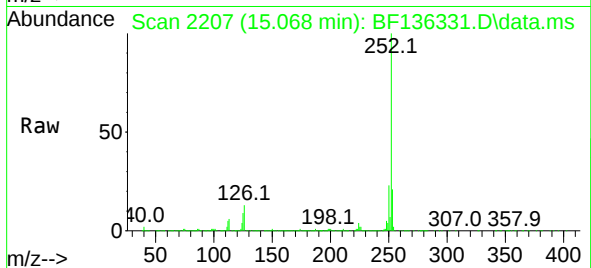
#89
Benzo(k)fluoranthene
Concen: 39.079 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS



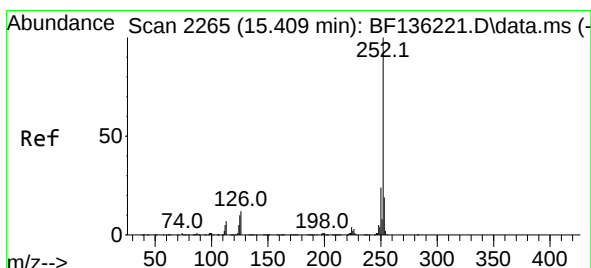
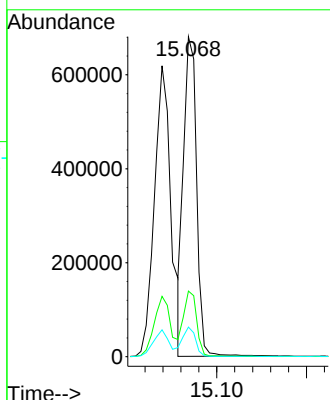
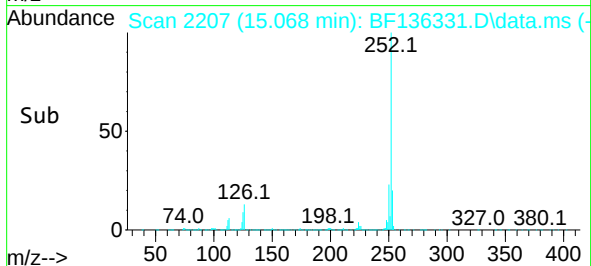
Tgt Ion:252 Resp: 687909
Ion Ratio Lower Upper
252 100
253 20.5 15.6 23.4
125 9.3 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

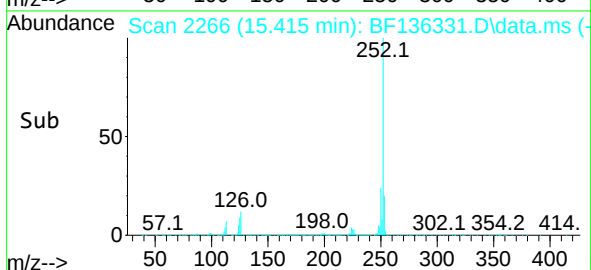
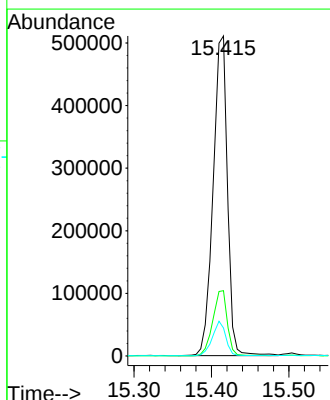
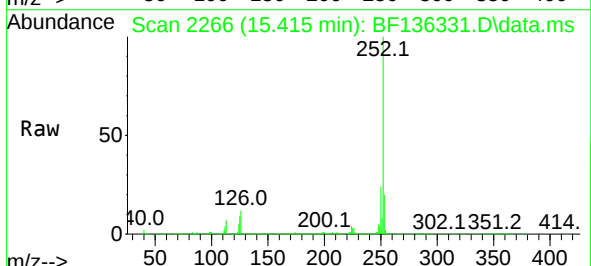
Supervised By :mohammad
ahmed
12/05/2023

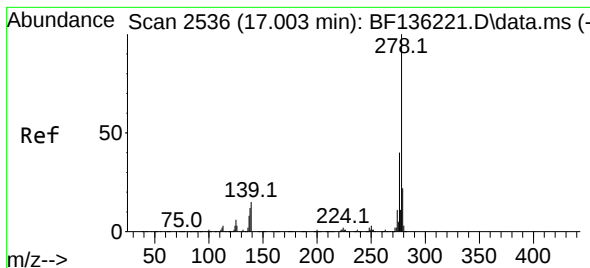
12/05/2023
Supervised By :mohammad
ahmed



#90
Benzo(a)pyrene
Concen: 43.255 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:252 Resp: 655362
Ion Ratio Lower Upper
252 100
253 20.4 15.5 23.3
125 8.7 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 44.674 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Instrument :

BNA_F

ClientSampleId :

PB157389BS

Tgt Ion:278 Resp: 70486
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 22.2 17.8 26.8

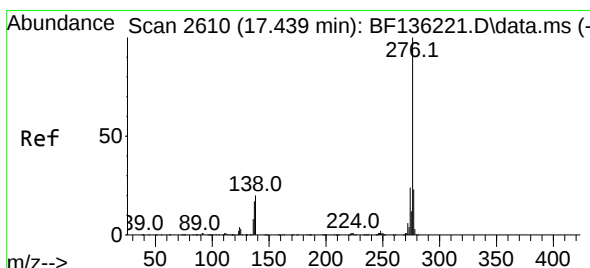
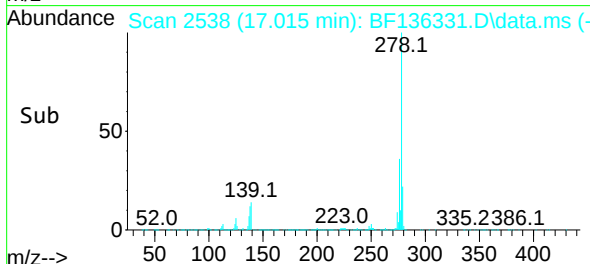
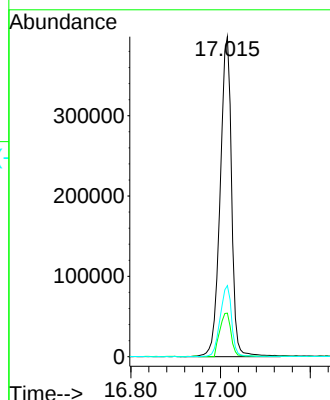
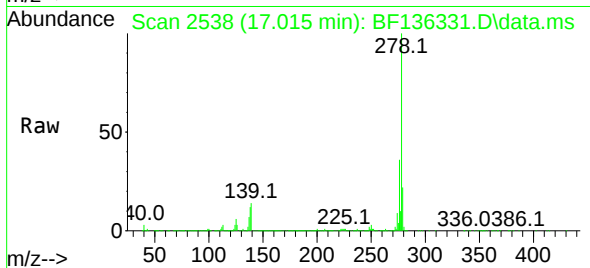
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/05/2023

Supervised By :mohammad
ahmed
12/05/2023

12/05/2023
Supervised By :mohammad
ahmed

12/05/2023



#92
Benzo(g,h,i)perylene
Concen: 43.086 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.012 min
Lab File: BF136331.D
Acq: 01 Dec 2023 11:36

Tgt Ion:276 Resp: 681993
Ion Ratio Lower Upper
276 100
277 22.2 18.6 27.8
138 19.5 15.8 23.8

